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State of Ohio
Environmental Protection Agency

Division of Emergency and Remedial Response

Site Inspection Report
Behr Dayton Thermal System
VOC Plume Site

Montgomery County

March 20, 2008

Ted Strickland, Governor
Chris Korleski, Director

SITE INVESTIGATION
(SI) REPORT

Behr Dayton Thermal System VOC Plume Site
Dayton, Montgomery County, Ohio

U.S. EPA ID: OHN000510164

March 20, 2008

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SITE INSPECTION
(SI) REPORT

for

Behr Dayton Thermal System VOC Plume Site
Dayton, Montgomery County, Ohio
U.S. EPA ID: OHN000510164

OHIO ENVIRONMENTAL PROTECTION AGENCY
Division of Emergency & Remedial Response
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1.0 EXECUTIVE SUMMARY

The Ohio Environmental Protection Agency (OEPA) Division of Emergency and Remedial Response (DERR) entered into a cooperative agreement with the United States Environmental protection Agency (U.S. EPA) Region V to conduct a Site Inspection (SI) of the Behr Dayton Thermal System VOC Plume Site, located in Montgomery County, Dayton, Ohio. The purpose of the SI was to evaluate ground water conditions at the Site by collecting samples for analytical analysis from wells owned by Chrysler, the city of Dayton, Gem City Chemicals and others. Water level measurements were also collected to provide a snapshot of ground water flow in the area.

The work plan for the SI was approved by U.S. EPA in July 2007. Sampling ground water was conducted on July 16-19, 2007. The samples were analyzed through the U.S EPA Contract Laboratory Program (CLP) for the Target Compound List (TCL) organics, volatile organic compounds (VOCs), only. The SI confirmed that ground water is contaminated with VOCs emanating from the Behr facility and other nearby sources. Contamination extends south of the Behr facility to at least the confluence of the Great Miami and Mad Rivers, known as Deeds Point. To the north/northeast, ground water is contaminated at least to the Dayton Miami Well Field.

The city of Dayton operates two well fields located along the Great Miami River and the Mad River, respectively. The Dayton Miami Well Field is located approximately one mile northeast of the Behr Dayton Thermal Products LLC facility at 1600 Webster Street. The Mad River Well field is located approximately 2 miles southeast of the facility. These two well fields have 102 active wells serving a total population of 440,000. Each public well is pumped at approximately equal rates so each well serves approximately 4300 persons. Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in SI samples collected from Dayton Miami Well Field public production wells PW-14 and PW-15 at concentrations below their respective maximum contaminant levels (MCLs).

Ground water contamination south of the Behr facility is migrating into occupied structures through vapor intrusion at concentrations above U.S. EPA removal action levels established by the Agency for Toxic Substance and Disease Registry (ATSDR) and the Ohio Department of Health (ODH). Exposure of residents to VOCs through vapor intrusion is being addressed through a U.S. EPA Time-Critical Removal Action which began in November 2007. Chrysler Corporation as a responsible party and U.S. EPA are both conducting sampling of occupied structures and mitigation of those structures with concentrations of VOCs exceeding the established removal action levels. Mitigation of these structures is considered a short-term and temporary solution to eliminate exposure to VOCs. The long-term solution is to clean up contaminated ground water and source areas to eliminate the vapor intrusion exposure pathway.

2.0 SITE BACKGROUND

2.1 Site Description

The Behr Dayton Thermal System VOC Plume Site ('Behr' or 'the Site') is located at 1600 Webster Street, Dayton, Montgomery County, Ohio. The geographic coordinates are 39° 47' 07.63" latitude and 84° 10' 46.93" longitude, measured to the approximate center of the 1600 Webster Street facility property. The site location is shown in Figure 1. According to the plat maps and tax records, the current owner of the property is Behr Dayton Thermal Products LLC. The tax mailing address is 2700 Daley Drive, Troy, MI 48083-1949.

The Behr manufacturing facility is completely fenced and access is highly restricted. Access can be obtained at the security entrance point at mid-facility on Webster Street. Visitors are photographed and issued ID cards. Viewing a safety and orientation video is mandatory before entry. Behr personnel escort visitors throughout the facility. Picture taking is closely monitored.

The Behr manufacturing facility occupies approximately 60 acres on which several buildings are located (approximately 1.4 million square feet under roof), as well as associated parking, outdoor storage areas and landscaped areas. The Behr property is bounded by Webster Street to the west, CSX Rail lines to the east, Stanley Avenue to the north, and Leo Street to the south.

2.2 Site History

The complete history of the Behr facility is unknown, but at least some of the buildings on the property were constructed circa 1907. Prior to Chrysler Corporation ownership, the facility was operated as the Maxwell Motor Company. Chrysler Corporation using various names, operated the facility from 1924 to 2002. Beginning in 1934, Chrysler Corporation began to manufacture air-conditioning equipment and developed a high-speed radial compressor that was superior to existing equipment. In mid-1934, Walter Chrysler announced that his automobile company had developed the "Airtemp Conditioner," already trademarked, and would manufacture the equipment. He formed the Airtemp Corporation on October 22, 1934, and began manufacturing operations in a former Chrysler stamping plant in Detroit. The air-conditioning operation became Airtemp, Inc., a subsidiary of the Chrysler Corporation in August 1935, later renamed the Airtemp Division of Chrysler Corporation in September 1938. Airtemp manufacturing operations moved to the revamped Maxwell Motor Company plant in Dayton, Ohio in June 1936. From 1936 to 2002, Chrysler continued to manufacture equipment associated with air conditioning and automobiles at the Dayton plant.

DaimlerChrysler sold plant to Behr in 2002. Behr currently utilizes the plant in much the same manner as DaimlerChrysler, for the manufacture of parts and sub-assemblies of heating, ventilation, and air conditioning (HVAC) equipment for DaimlerChrysler, and other car and truck manufacturers. The types of vehicle parts produced include such items as heating and air conditioning modules (no compressors, and no Freon included), Engine Cooling Modules and heat exchangers, Evaporative Emission Control Canisters, and Fan Clutch Assemblies. The Standard Industrial Classification (SIC) Code for the plant is 3069. The plant employs approximately 2,500 employees, working three shifts.

The Site is located in a high density mixed use area roughly two miles northeast of downtown Dayton. The site is mostly within the Dayton neighborhood known as the McCook Field Neighborhood. A smaller portion of the Site is in the adjoining Old North Dayton Neighborhood. The Site is located between the Great Miami River which is located to the west, north and northeast, and the Mad River, located to the south. Topography of the immediate area is mostly flat.

2.3 Regulatory Information

Currently the Behr facility is considered a small quantity generator under the Resource Conservation Recovery Act (RCRA). Under prior ownership by Chrysler, the facility was classified as a large quantity generator. There are no facility environmental clean-up obligations under RCRA jurisdiction. The facility has a NPDES permit for waste water discharges to the Dayton sanitary sewer system. These discharges include waste water generated by the ground water remediation system currently in use. Permits are also in place for airborne emissions from the facility.

2.4 State and Federal Actions

Dissolved chlorinated volatile organic compound (VOC) constituents that include trichloroethene (TCE) have been found in groundwater south of the Behr facility and also to the west, north and northeast of the Behr facility. Known local sources of VOCs in ground water include the Behr facility, Gem City Chemicals, Inc., 1287 Air City Avenue, DAP, Inc., 220 Janney Road, Gayston Corporation, 55 Janney Road, Aramark Uniform Services, 1200 Webster Street, and the former Perma-Fix facility, 416 Leo Street. It is likely that other unknown sources of VOCs are located in the industrialized area surrounding the Behr facility.

2.4.1 Behr Dayton Thermal Products LLC

Chrysler has been conducting in-situ bioremediation and ground water containment to remediate the VOCs beneath the Behr facility and to prevent further off-property migration. This effort is not being handled under Ohio EPA or U.S. EPA oversight or through Ohio's Voluntary Action Program (VAP). Concentrations of VOCs above MCLs continue to be detected in wells south and north of the Behr facility.

In 2003 and 2006, DaimlerChrysler documented elevated levels of VOCs south of the Behr facility. In 2006 concentrations of TCE as high as 3,900 parts per billion (ppb) were reported. In response to the concentrations of VOCs in shallow ground water and increased awareness of the threat posed by vapor intrusion, Ohio EPA conducted a soil gas investigation on Daniel Street, Lamar Street and Milburn Avenue in October 2006. Ohio EPA documented elevated levels of TCE in soil gas as high as 160,000 parts per billion by volume (ppbv).

In late October and in November 2006, the U.S. EPA collected sub-slab air samples from eight residences located south of the Behr-Dayton facility along Milburn Avenue,

Daniel Street and Leo Street in the area where Ohio EPA documented elevated soil gas concentrations of VOCs. TCE concentrations as high as 62,000 ppb were detected in the sub-slab samples. ATSDR and the Ohio Department of Health (ODH) established TCE screening and action levels for residential and commercial sub-slab and indoor air. The ATSDR residential indoor air screening level is 0.4 parts per billion (ppb) and the action level is 100 ppb. The ATSDR residential sub-slab screening level is 4 ppb. Samples from all eight residences exceeded the ATSDR residential TCE sub-slab screening level of 4 parts per billion by volume (ppbv).

Based on ATSDR and ODH recommendations, the U.S. EPA followed sub-slab air sampling with indoor air sampling at the eight residences in November 2006. TCE residential indoor air concentrations were detected at a range of 0.4-260 ppb. The results of the EPA indoor air sampling indicated that all eight samples were equal to or exceeded the ATSDR residential TCE indoor air screening level of 0.4 ppbv. Three samples exceeded the ATSDR residential TCE indoor air immediate action level of 100 ppbv.

On December 19, 2006, an Administrative Order by Consent was signed between U.S. EPA and DaimlerChrysler (former owner of the Behr facility) to conduct a vapor intrusion investigation and mitigation. On December 21, 2006, EPA approved the Daimler Chrysler Phase 1 work plan for sampling and installation of residential TCE vapor abatement systems in up to 21 residences along Leo Street, Daniel Street, and Milburn Avenue.
As of March 15, 2007, a total of 14 vapor abatement systems had been installed in the 21 Phase 1 Work Plan locations. Three residents are under a quarterly sampling program, one residence has no further action due to sub-slab and indoor air levels below the screening action levels, two residents have "Best Efforts" achieved and one residence is awaiting results from the pre-mitigation sampling.

On March 16, 2007, the U.S. EPA approved the DaimlerChrysler Phase 2 Work Plan for Indoor Air Sampling Delineation and Mitigation. Phase 2 work includes additional sub-slab and indoor air sampling, and mitigation.

The U.S. EPA removal action is currently investigating the extent of vapor intrusion from a VOC ground water plume from the Behr facility. Structures impacted by vapors above action levels are being mitigated by installation of active venting systems. Currently, the removal action is moving into the McCook Field neighborhood, south of Keowee Street. Early removal action details are described in section 3.2. Updates for the removal action can be found at the USEPA removal Action website. The website address is as follows: http://www.epaosc.net/site_profile.asp?site_id=2642 . The removal action is expected to be completed by late Fall, 2008.

2.4.2 Gem City Chemicals

Gem City Chemicals, Inc., is a chemical distribution, blending, and repackaging facility that has been in operation for over 25 years. The facility is located at 1281 Air City Avenue in Dayton, Montgomery County. Ohio EPA became aware of volatile organic compound (VOC) contamination in ground water at the facility in 1989 during a regional investigation of the sources of VOC contamination in Dayton's Mad River Well Field. On July 6, 1992, Ohio EPA and Gem City Chemicals entered into an Administrative Order on Consent in which Gem City Chemicals agreed to prevent further off-property migration of VOC-contaminated ground water.

Currently a single recovery well is in operation, capturing and pumping contaminated ground water into an air stripper for treatment. Gem City Chemicals has an NPDES permit to discharge the treated ground water. The capture system has been effective in meeting the goals of the agreement. Sources of VOC contamination still remain at the site, however, and Gem City will continue to operate the recovery well until ground water clean-up goals are met.

2.4.3 DAP, Inc.

The DAP facility is located in the city of Dayton, Montgomery County. In May 1990, Ohio EPA issued a Unilateral Order to DAP requiring the company to prevent further off-property migration of the VOC contamination. In response DAP installed four ground water extraction wells, treating the extracted ground water with an air stripper prior to discharging it to a storm sewer. DAP also employed soil vapor extraction technology in an effort to remove the source of the VOC contamination. VOC concentrations in ground water at DAP met cleanup goals in 2007. DAP was permitted to shut down the extraction wells and will monitor VOC ground water concentrations to ensure that clean-up goals continue to be met.

2.4.4 Gayston Corporation

Gayston Corp. formerly operated a metal parts manufacturing facility at 55 Janney Road in Dayton from 1962 to 1987. Various chlorinated solvents were

used as degreasers to clean metal parts. In 1984, Ohio EPA inspected the site and noted the lack of regular inspections of the hazardous waste drum storage area and failure to maintain required documentation regarding storage of such wastes. In 1991, the city of Dayton installed seven ground water monitoring wells down gradient of the site. Analytical results of water samples collected from the wells revealed the presence of chlorinated solvents above maximum allowable drinking water standards. Subsequent sampling of soil and ground water underlying the site indicated the former Gayston facility was the source of the contamination. The environmental concern is that the site overlies the Miami Valley Buried Valley Aquifer, a U.S. EPA designated sole source aquifer. The site is also situated within the city of Dayton's wellhead protection area.

In 1993 the Ohio EPA and Gayston Corp. entered into an Administrative Order on Consent in which Gayston Corp. agreed to perform an investigation of the extent of contamination and conduct remedial actions to control and remove the source(s) of chlorinated solvent contamination on their property. A remedial action consisting of soil vapor extraction and air sparging was implemented in 1994. The operation of the remedial action is ongoing.

2.4.5 Aramark Uniform Services

Aramark operated an industrial laundry facility at 1200 Webster Street which ceased laundry operations in 1987. Starting in 1992, Aramark investigated VOC contamination on its property without Ohio EPA or U.S. EPA oversight. PCE was identified in soils around former holding tanks. Aramark used soil vapor extraction and air sparging (SVE/AS) to remove VOCs from source soils. Aramark discontinued use of the SVE/AS system sometime prior to November, 2003, when a courtesy Final Progress Report was provided to Ohio EPA. PCE remained at a concentration of 75 µg/l in the down-gradient well while TCE was at a concentration of 510 µg/l in that sample location. TCE was at a concentration of 810 µg/l in the up-gradient well. PCE was non-detect at that location.

2.4.6 Perma-Fix

Perma-Fix, formerly Environmental Processing Services, Inc. (EPS) operated as a solvent reclamation and fuel blending facility from 1981 through 1989 when RCRA closure activities began. Recycling activities at the facility included distillation of chlorinated and non-chlorinated solvents; thin film evaporation of oils; fuels blending; blending of flammable liquids; and resuspension of flammable solids for off-site incineration or fuel substitution. EPS processed 5,500 gallons daily including spent solvents and finished solvent products in drums and 14,700 gallons in tanks.

A RCRA closure plan was submitted to Ohio EPA, approved, and implemented starting in February 1990. Sub-surface impacts were discovered during closure in the parking area. Through several corporate changes, EPS assets and

environmental responsibilities were acquired by Perma-Fix Environmental Services, Inc., in 1994.

Investigations at Perma-Fix between 1987 and 1996 characterized sub-surface contamination. VOCs including PCE, TCE and 1,1,1-TCA were detected at total concentrations of up to 100,000 µg/l in ground water. Up-gradient also contained VOCs indicating an additional source or sources may exist in the up-gradient direction. RCRA closure activities continue to be overseen by Ohio EPA, Division of Hazardous Waste Management. Limited down-gradient sampling by Ohio EPA in November 2007 confirmed the presence of VOCs including PCE and TCE in ground water along Helena Street. Concentrations were not considered high enough to cause vapors above U.S. EPA removal action levels through vapor intrusion.

2.5 Site Geology, Soils, Topography and Hydrogeology

2.5.1 Geology

Montgomery County is covered with extensive deposits of Illinoisan Wisconsin glacial deposits. The site is located on sand and gravel outwash valley train deposits of Wisconsin age overlain by modern river alluvium. These deposits range in thickness from zero feet at the edge of the bedrock valley to a maximum of 230 feet in the center of the river valleys. The unconsolidated materials are coarse sand and gravel with inter-bedded layers of light brown and light gray, clayey and silty tills. Overlying the glacial sediments is a thin veneer of recent alluvial deposits. The Ordovician Richmond Shale formation underlies the glacial deposits and composes the nearby bedrock hills. The Richmond Shale is composed of relatively soft, light gray, calcareous shale with inter-bedded layers of limestone.

2.5.2 Soils

According to the Montgomery County Ohio Soil Survey, soil from the Fox Series originally covered the site. These soils have been disturbed or buried over much of the site. The Fox Series consists of a dark yellowish-brown silt loam plow layer about eight inches thick. The subsoil consists of layers of mainly brown loam, and a reddish-brown and brown sandy clay loam. The subsoil extends to a depth of 29 inches where calcareous sand and gravel occur. Permeability is moderate in the subsoil and is high in the sandy and gravelly substratum.

2.5.3 Topography

The site is relatively flat and lies within the original flood plain of the Great Miami and Mad Rivers at an elevation of approximately 755 feet above sea level.

2.5.4 Hydrogeology

The regional recharge area consists of the entire surface of the buried valley (i.e. the area between the valley's bedrock walls). The Great Miami and Mad Rivers

are the primary source of recharge water to Dayton's well fields. Recharge occurs from leakage through the bottom of river bottoms, nearby lakes, and artificial recharge lagoons. Unpaved areas contribute some recharge to the underlying aquifer as does ground water flow from the upland areas.

The depth to ground water is currently approximately 20 feet below ground surface. Depth to water changes seasonally and during periods of heavy rains or droughts. River levels fluctuations affect ground water levels at the site. Predominant ground water flow is reportedly to the southwest. Flow to the northeast has also been reported and is influenced by river levels, drought or high water table conditions and pumping rates at the Dayton Miami Well field.

The Ground Water Pollution Potential map of Montgomery County shows the site to be located in an area with a Pollution Potential Index over 200. Within Montgomery County, the Pollution Potential Index ranges from approximately 41 to 206. The pollution potential maps are based on a weighted rating system which considers depth to water, net recharge, aquifer media, soil media, topography, impact of the vadose zone media, and the hydraulic conductivity of the aquifer. The pollution potential maps indicate the site is located on land which is highly likely to allow contaminants to reach ground water. The site exhibits a combination of critical factors such as shallow depth-to-ground water, a highly permeable sand and gravel aquifer, and moderately permeable overlying soil material. The site overlies part of an extensive and important regional aquifer which is used for drinking, industrial, and agricultural water supplies.

Several industrial sites which are known to have impacted ground water are also in the area. The Valley Crest Landfill, Van Dyne Crotty, the Brandt Pike Oil Terminals, Gem City Chemicals and Dayton Electroplate are within one-mile of the site.

2.6 Land Use and Demographic Information

Land use in the area is a mixture of residential, commercial and industrial uses. Within 4 miles of the Behr facility, there are approximately 167,661 residents. Approximately 6,900 residents live within 1 mile of the site.

3.0 SAMPLING LOCATIONS & DISCUSSION OF RESULTS

3.1 SI Sampling Locations

Ground water samples were collected from 51 locations on and surrounding the Behr facility. SI sample locations are shown on Figure 7. Sampling locations include Chrysler monitoring wells both on and off Behr property, city of Dayton monitoring wells, Gem City Chemicals monitoring wells and a monitoring well located at Simclar, Inc., 1784 Stanley Avenue. Production wells were sampled at Mike Sells Potato Chips, 333 Leo Street, and at Eastway Family Center, 1100 Webster Street.

3.2 SI Results

SI results are provided in Appendix A , Complete Analytical Results. TCE is the VOC found most pervasively and at the highest concentrations. Chrysler MW-10S on the southeast side of the Behr property had the highest overall concentration of TCE at 19,000 µg/l. Other contaminants found in ground water include tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), cis-1,2-dichloroethene (cis-1,2-DCE), and Vinyl chloride. TCE was detected in Dayton production well PW14 at a concentration of 1.4 µg/l. Cis-1,2-DCE was detected in PW-14 at an estimated concentration of 0.42 µg/l and in PW-15 at a concentration of 2.9 µg/l.

MIGRATION PATHWAYS

4.1 Soil Exposure Pathway

The Behr facility is fenced and not accessible to the public. Other known sources of VOCs such as Aramark, Gem City Chemicals, DAP and Gayston are not as secure as the Behr Facility. There are regular workers on these facilities but most of the facilities is paved or covered with buildings making contact with soils unlikely. There are two schools within 200 feet of the known ground water plume. Kiser PreK-8 School is located east of the Behr facility at 1401 Leo Street. Van Cleves at McGuffey PreK-8 School is located at 1032 Webster Street, south of the Behr facility. These schools are not within 200 feet of source soils on the facility. There are approximately 400 residences that have been Identified above the known ground water plume by the U.S. EPA Removal Program and/or Chrysler during the vapor intrusion removal action.. The soil exposure pathway is not significant for this site.

4.2 Groundwater Pathway

Ground water near the site is approximately 20 feet below ground surface. DaimlerChrysler has installed numerous monitoring wells on and off-the Behr facility. Most Off-property wells are to the east and south of the facility. Dayton has monitoring and investigation wells north and northeast of the facility, between it and the Miami Well field. A small number of other private monitoring wells are

located in the immediate area such as those at Gem City Chemicals, DAP and Gayston. Monitoring wells at Aramark have been abandoned.

Public ground water systems and wellhead protection areas are within the four mile target distance limit. The majority of the surrounding population obtains their drinking water from the city of Dayton. The Dayton Miami Well Field is located approximately one mile northeast of the Behr Facility. The Mad River Well field is located approximately 2 miles southeast of the facility. These two well fields have 102 active wells serving a total population of 440,000. Each public well is pumped at approximate equal rates and serves approximately 4300 persons. There are 5 public production wells between one-half to one mile from the Behr facility. 36 public production wells are between one and two miles from the facility and 51 public production wells are between two and four miles of the Behr facility. Public well locations and radii from the Behr facility are shown on Figure 9, Four Mile Radius and Dayton Well Map.

TCE was detected in Dayton production well PW14 at a concentration of 1.4 µg/l. Cis-1,2-DCE was detected in PW-14 at an estimated concentration of 0.42 µg/l and in PW-15 at a concentration of 2.9 µg/l. The ground water pathway is significant for this site.

4.3 Surface Water Exposure Pathway

The distance between the Behr facility and the Great Miami River is approximately 1500 feet. Discharges to the river occur through storm sewers. The Great Miami River is both a known fishery and recreational area. There are no drinking water intakes within the 15-mile Target Distance Limit. The area is protected by a floodway, maintained by the Miami Conservancy District. Any wastewater discharges to surface water from the Behr facility are handled through NPDES permits. The surface water pathway is not significant for this site.

4.4 Air Pathway

Air releases from the Behr facility are permitted through the Regional Air Pollution Control Agency (RAPCA). Releases through Chrysler remediation systems are considered de-minimus. The air pathway is not considered significant for this site.

4.5 Vapor Intrusion Pathway

VOCs are migrating from ground water to occupied structures. This completed pathway is the subject of the current USEPA time-critical removal action. The vapor intrusion pathway is significant for this site.

SUMMARY

Ground water is contaminated with VOCs at concentrations exceeding MCLs due to releases from several facilities including Behr, Aramark Uniform Services, Gem City Chemicals, Inc., DAP, Inc., Gayston Corporation and PermaFix. TCE and cis-1,2-DCE were detected in Dayton public wells PW-14 and PW-15 during the SI conducted in July 2007 at concentrations below their respective MCLs.

VOCs in shallow ground water are migrating as vapors into occupied structures. Ohio EPA requested that U.S. EPA conduct a time-critical removal action to assess and to mitigate the vapor intrusion pathway. Currently Chrysler and U.S. EPA are both involved with sampling occupied structures and mitigating them if concentrations of VOCs are above action levels established by ATSDR and the ODH. Mitigation of affected structures relies on venting systems similar to radon extraction systems. These venting systems are considered temporary solutions to eliminate current exposure to VOCs. The long-term solution to eliminate exposure to VOCs will be for ground water to be cleaned up so that the vapor intrusion pathway is no longer complete.

Ohio EPA referred the Site to the U.S. EPA Remedial Program for long-term clean up through the RI/FS process. U.S. EPA special notice letters were sent to Chrysler Corporation, Behr Dayton Thermal Products LLC, Aramark Uniform Services and Gem City Chemicals, Inc. in November 2007, inviting these parties to negotiate an administrative order with U.S. EPA to conduct an RI/FS. Ohio EPA will support U.S. EPA in the RI/FS process.

APPENDIX A

Sample Number :	E1809		E1809DL		E1810		E1810DL		E1811		E1815		E1816		E1816DL	
Sampling Location :	B-MW-015S		B-MW-015S		B-MW-018S		B-MW-018S		B-MW-019S		B-MW-027S		B-MW-028S		B-MW-028S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/17/2007				7/17/2007		7/18/2007		7/18/2007			
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		10.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Vinyl chloride	**5.0**	**U**	**25**	**U**	**5.0**	**U**	**50**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**250**	**U**
Bromomethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloroethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	UJ	250	UJ
Trichlorofluoromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Acetone	10	U	50	U	10	U	100	U	10	U	10	U	10	U	500	U
Carbon Disulfide	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Methyl acetate	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Methylene chloride	5.0	UJ	25	U	5.0	UJ	100		5.0	UJ	5.0	U	5.0	U	250	UJ
trans-1,2-Dichloroethene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	2.8	J	250	U
Methyl tert-butyl ether	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethane	3.1	J	25	U	5.0	U	50	U	5.0	U	5.0	U	2.5	J	250	U
cis-1,2-Dichloroethene	**5.0**	**U**	**25**	**U**	**3.2**	**J**	**50**	**U**	**5.0**	**U**	**5.0**	**U**	**65**		**87**	**J**
2-Butanone	10	U	50	U	10	U	100	U	10	U	10	U	10	U	500	U
Bromochloromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloroform	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,1-Trichloroethane	**3.0**	**J**	**25**	**U**	**23**		**23**	**J**	**5.0**	**U**	**5.0**	**U**	**22**		**250**	**U**
Cyclohexane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Carbon tetrachloride	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	UJ	250	UJ
Benzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichloroethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dioxane	100	R	500	R	100	R	1000	R	100	R	100	R	100	R	5000	R
Trichloroethene	**1.2**	**J**	**25**	**U**	**42**		**45**	**J**	**1.1**	**J**	**5.0**	**U**	**2700**		**3200**	
Methylcyclohexane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichloropropane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Bromodichloromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
cis-1,3-Dichloropropene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
4-Methyl-2-pentanone	10	U	50	U	10	U	100	U	10	U	10	U	10	U	500	U
Toluene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
trans-1,3-Dichloropropene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U

Sample Number :	E1809		E1809DL		E1810		E1810DL		E1811		E1815		E1816		E1816DL	
Sampling Location :	B-MW-015S		B-MW-015S		B-MW-018S		B-MW-018S		B-MW-019S		B-MW-027S		B-MW-028S		B-MW-028S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/17/2007				7/17/2007		7/18/2007		7/18/2007			
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		10.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Tetrachloroethene	**340**		**420**		**1400**		**1300**		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**250**	**U**
2-Hexanone	10	U	50	U	10	U	100	U	10	U	10	U	10	U	500	U
Dibromochloromethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromoethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Chlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Ethylbenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
o-Xylene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
m,p-Xylene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Styrene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Bromoform	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
Isopropylbenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,2,2-Tetrachloroethane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,3-Dichlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dichlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromo-3-chloropropane	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2,4-Trichlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2,3-Trichlorobenzene	5.0	U	25	U	5.0	U	50	U	5.0	U	5.0	U	5.0	U	250	U

Sample Number :	E1817		E1818		E1819		E1820		E1845		E1846		E1857		E1858	
Sampling Location :	B-MW-030S		B-MW-031S		B-MW-032S		B-MW-033S		B-MW-D102		B-MW-D103		TW-16		TW-3	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007		7/18/2007		7/18/2007		7/19/2007		7/19/2007		7/19/2007		7/19/2007	
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Vinyl chloride	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**UJ**
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	UJ
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Acetone	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	UJ
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	3.6	J
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	4.3	J	5.0	U	5.0	U	5.0	U	1.1	J	3.5	J
cis-1,2-Dichloroethene	**5.0**	**U**	**5.0**	**U**	**12**		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**1.9**	**J**	**5.1**	
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	7.5		5.0	U	5.0	U
1,1,1-Trichloroethane	**5.0**	**U**	**5.0**	**U**	**14**		**5.0**	**U**	**5.0**	**U**	**1.5**	**J**	**4.0**	**J**	**7.2**	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Carbon tetrachloride	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	UJ
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R	100	R	100	R	100	R
Trichloroethene	**5.0**	**U**	**5.0**	**U**	**110**		**5.0**	**U**	**5.0**	**U**	**8.9**		**130**		**1100**	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Sample Number :	E1817		E1818		E1819		E1820		E1845		E1846		E1857		E1858	
Sampling Location :	B-MW-030S		B-MW-031S		B-MW-032S		B-MW-033S		B-MW-D102		B-MW-D103		TW-16		TW-3	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007		7/18/2007		7/18/2007		7/19/2007		7/19/2007		7/19/2007		7/19/2007	
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	**5.0**	**U**	**5.0**	**U**	**21**		**5.0**	**U**	**5.0**	**U**	**23**		**1.6**	**J**	**18**	
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	1.3	J
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Sample Number :	E1858DL		E1859		E1860		E1860DL		E1861		E1861DL		E1862		E1863	
Sampling Location :	TW-3		TW-4		TW-5		TW-5		TW-6		TW-6		TW-7		TW-8	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/19/2007		7/19/2007				7/19/2007				7/19/2007		7/19/2007	
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		10.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Chloromethane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Vinyl chloride	**50**	**U**	**5.0**	**U**	**5.0**	**UJ**	**50**	**U**	**5.0**	**UJ**	**25**	**U**	**5.0**	**U**	**5.0**	**UJ**
Bromomethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Chloroethane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Trichlorofluoromethane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
1,1-Dichloroethene	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Acetone	100	U	10	U	10	U	100	U	10	U	50	U	10	U	10	U
Carbon Disulfide	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Methyl acetate	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Methylene chloride	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	11		5.0	UJ
trans-1,2-Dichloroethene	50	U	5.0	U	5.0	UJ	50	U	2.2	J	25	U	5.0	U	5.0	UJ
Methyl tert-butyl ether	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethane	50	U	5.0	U	2.3	J	50	U	5.2		6.4	J	5.0	U	3.1	J
cis-1,2-Dichloroethene	**50**	**U**	**5.0**	**U**	**28**		**24**	**J**	**100**		**120**		**5.0**	**U**	**3.8**	**J**
2-Butanone	100	U	10	U	10	U	100	U	10	U	50	U	10	U	10	U
Bromochloromethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Chloroform	50	U	6.7		5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,1,1-Trichloroethane	**50**	**U**	**1.2**	**J**	**4.1**	**J**	**50**	**U**	**3.4**	**J**	**25**	**U**	**5.0**	**U**	**3.2**	**J**
Cyclohexane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Carbon tetrachloride	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Benzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloroethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dioxane	1000	R	100	R	100	R	1000	R	100	R	500	R	100	R	100	R
Trichloroethene	**870**		**8.1**		**620**		**550**		**580**		**720**		**5.0**	**U**	**140**	
Methylcyclohexane	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
1,2-Dichloropropane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Bromodichloromethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
4-Methyl-2-pentanone	100	U	10	U	10	U	100	U	10	U	50	U	10	U	10	U
Toluene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U

Sample Number :	E1858DL		E1859		E1860		E1860DL		E1861		E1861DL		E1862		E1863	
Sampling Location :	TW-3		TW-4		TW-5		TW-5		TW-6		TW-6		TW-7		TW-8	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/19/2007		7/19/2007				7/19/2007				7/19/2007		7/19/2007	
SDG #:	E1809		E1809		E1809		E1809		E1809		E1809		E1809		E1809	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		10.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Tetrachloroethene	**12**	**J**	**21**		**2.5**	**J**	**50**	**U**	**31**		**30**		**5.0**	**U**	**8.7**	
2-Hexanone	100	U	10	U	10	U	100	U	10	U	50	U	10	U	10	U
Dibromochloromethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromoethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Chlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Ethylbenzene	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
o-Xylene	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
m,p-Xylene	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
Styrene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Bromoform	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
Isopropylbenzene	50	U	5.0	U	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U	5.0	UJ
1,1,2,2-Tetrachloroethane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,3-Dichlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dichlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	50	U	5.0	U	5.0	U	50	U	5.0	U	25	U	5.0	U	5.0	U

Sample Number :	E1866		E1866DL		E1821		E1822		E1822DL		E1824		E1826		E1826DL	
Sampling Location :	MW-67S		MW-67S		B-MW-034S		B-MW-035S		B-MW-035S		B-MW-037S		B-MW-039S		B-MW-039S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007				7/18/2007		7/18/2007				7/18/2007		7/18/2007			
SDG #:	E1809		E1809		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		5.0		1.0		1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Chloromethane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Vinyl chloride	**5.0**	**UJ**	**25**	**U**	**8.4**		**5.0**	**U**	**25**	**U**	**5.0**	**U**	**5.0**	**U**	**50**	**U**
Bromomethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Chloroethane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Trichlorofluoromethane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,1-Dichloroethene	75	J	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Acetone	10	U	50	U	10	U	10	U	50	U	10	U	10	U	100	U
Carbon Disulfide	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Methyl acetate	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Methylene chloride	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	12		50	U
trans-1,2-Dichloroethene	5.0	UJ	25	U	5.0	U	2.4	J	25	U	5.0	U	8.5		50	U
Methyl tert-butyl ether	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,1-Dichloroethane	1.9	J	25	U	5.0	U	19		22	J	1.0	J	7.7		50	U
cis-1,2-Dichloroethene	**3.0**	**J**	**25**	**U**	**1.3**	**J**	**82**		**96**		**2.2**	**J**	**190**		**200**	
2-Butanone	10	U	50	U	10	U	10	U	50	U	10	U	10	U	100	U
Bromochloromethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Chloroform	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,1,1-Trichloroethane	**700**		**690**		**5.0**	**U**	**16**		**16**	**J**	**2.7**	**J**	**26**		**21**	**J**
Cyclohexane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Carbon tetrachloride	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Benzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2-Dichloroethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,4-Dioxane	100	R	500	R	100	U	100	U	500	U	100	U	100	U	1000	U
Trichloroethene	**49**		**50**		**35**		**370**		**440**		**23**		**530**		**530**	
Methylcyclohexane	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2-Dichloropropane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Bromodichloromethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
cis-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
4-Methyl-2-pentanone	10	U	50	U	10	U	10	U	50	U	10	U	10	U	100	U
Toluene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
trans-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U

Sample Number :	E1866		E1866DL		E1821		E1822		E1822DL		E1824		E1826		E1826DL	
Sampling Location :	MW-67S		MW-67S		B-MW-034S		B-MW-035S		B-MW-035S		B-MW-037S		B-MW-039S		B-MW-039S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007				7/18/2007		7/18/2007				7/18/2007		7/18/2007			
SDG #:	E1809		E1809		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		5.0		1.0		1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Tetrachloroethene	**5.0**	**U**	**25**	**U**	**5.0**	**U**	**5.5**		**25**	**U**	**2.3**	**J**	**5.0**	**U**	**50**	**U**
2-Hexanone	10	U	50	U	10	U	10	U	50	U	10	U	10	U	100	U
Dibromochloromethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2-Dibromoethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Chlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Ethylbenzene	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
o-Xylene	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
m,p-Xylene	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Styrene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Bromoform	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
Isopropylbenzene	5.0	UJ	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,1,2,2-Tetrachloroethane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,3-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,4-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2-Dibromo-3-chloropropane	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2,4-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U
1,2,3-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	50	U

Sample Number :	E1827		E1828		E1828DL		E1829		E1829DL		E1830		E1831		E1832	
Sampling Location :	B-MW-040S		B-MWA-004		B-MWA-004		B-MWA-006		B-MWA-006		B-MWB-004		B-MWC-001		B-MWET-04S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/17/2007				7/17/2007				7/17/2007		7/17/2007		7/17/2007	
SDG #:	E1821		E1821		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	**5.0**	**U**	**5.0**	**U**	**25**	**U**	**5.0**	**U**	**250**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**
Bromomethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	25	U	1.8	J	250	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	UJ	5.0	U	25	U	480		250	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	50	U	10	U	500	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	12		56		5.0	U	250	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	8.6		10	J	44	J	250	U	5.0	U	5.0	U	2.2	J
Methyl tert-butyl ether	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	25	U	130		140	J	5.0	U	5.0	U	11	
cis-1,2-Dichloroethene	**5.0**	**U**	**16**		**21**	**J**	**1200**	**J**	**1500**		**5.0**	**U**	**5.0**	**U**	**40**	
2-Butanone	10	U	10	U	50	U	10	U	500	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	25	U	6.4		250	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	**5.0**	**U**	**5.0**	**U**	**25**	**U**	**760**		**700**		**5.0**	**U**	**5.0**	**U**	**30**	
Cyclohexane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	U	100	U	500	U	100	U	5000	U	100	U	100	U	100	U
Trichloroethene	**5.0**	**U**	**450**		**680**		**4700**		**8100**		**4.1**	**J**	**5.0**	**U**	**28**	
Methylcyclohexane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	50	U	10	U	500	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U

Sample Number :	E1827		E1828		E1828DL		E1829		E1829DL		E1830		E1831		E1832	
Sampling Location :	B-MW-040S		B-MWA-004		B-MWA-004		B-MWA-006		B-MWA-006		B-MWB-004		B-MWC-001		B-MWET-04S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/17/2007				7/17/2007				7/17/2007		7/17/2007		7/17/2007	
SDG #:	E1821		E1821		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	25	U	4.8	J	250	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	**5.0**	**U**	**1.8**	**J**	**25**	**U**	**5.0**	**U**	**250**	**U**	**5.0**	**U**	**5.0**	**U**	**150**	
2-Hexanone	10	U	10	U	50	U	10	U	500	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	250	U	5.0	U	5.0	U	5.0	U

Sample Number :	E1833		E1834		E1835		E1840		E1843		E1844		E1844DL		E1868	
Sampling Location :	B-MWET-03S		B-MWET-05S		B-PZ-022I		TRIP BLANK-1		B-MW-D100		B-MW-D101		B-MW-D101		Mikesells	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007		7/17/2007		7/17/2007		7/13/2007		7/18/2007		7/18/2007				7/16/2007	
SDG #:	E1821		E1821		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	25	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	25	U	5.0	U
Vinyl chloride	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**25**	**U**	**5.0**	**U**
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	25	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	25	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	25	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
trans-1,2-Dichloroethene	1.2	J	5.0	U	5.0	U	5.0	U	5.0	U	2.8	J	25	U	1.7	J
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,1-Dichloroethane	14		5.0	U	5.0	U	5.0	U	5.0	U	22		23	J	5.0	U
cis-1,2-Dichloroethene	**51**		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**94**		**98**		**23**	
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,1,1-Trichloroethane	**82**		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**18**		**16**	**J**	**5.0**	**U**
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,4-Dioxane	100	U	100	U	100	U	100	U	100	U	100	U	500	U	100	U
Trichloroethene	**41**		**2.3**	**J**	**4.8**	**J**	**5.0**	**U**	**5.0**	**U**	**430**		**440**		**28**	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U

Sample Number :	E1833		E1834		E1835		E1840		E1843		E1844		E1844DL		E1868	
Sampling Location :	B-MWET-03S		B-MWET-05S		B-PZ-022I		TRIP BLANK-1		B-MW-D100		B-MW-D101		B-MW-D101		Mikesells	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007		7/17/2007		7/17/2007		7/13/2007		7/18/2007		7/18/2007				7/16/2007	
SDG #:	E1821		E1821		E1821		E1821		E1821		E1821		E1821		E1821	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Tetrachloroethene	**5.2**		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.9**		**5.4**	**J**	**5.0**	**U**
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U

Sample Number :	E1869		E1870		E1870DL		E1836		E1837		E1838		E1839		E1867	
Sampling Location :	AC-3		AC-4		AC-4		D-PW-14R		D-PW-15R		D-PW-15RD		D-SAS-TB		MW-68S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/16/2007		7/16/2007				7/18/2007		7/18/2007		7/18/2007		7/13/2007		7/18/2007	
SDG #:	E1821		E1821		E1821		E1836		E1836		E1836		E1836		E1867	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		2.0		1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Chloromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Vinyl chloride	**5.0**	**U**	**5.0**	**U**	**10**	**U**	**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**5.0**	**U**
Bromomethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Chloroethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,1-Dichloroethene	5.0	U	35	J	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Acetone	10	U	10	U	20	U	5.0	R	5.0	R	5.0	R	5.0	R	10	U
Carbon Disulfide	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Methyl acetate	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Methylene chloride	5.0	U	5.0	U	10	U	0.50	U	0.50	U	1.1		0.50	U	19	
trans-1,2-Dichloroethene	5.0	U	11		8.9	J	0.50	U	0.50	U	0.21	J	0.50	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,1-Dichloroethane	5.0	U	20		16		0.50	U	0.37	J	0.39	J	0.50	U	17	
cis-1,2-Dichloroethene	**2.3**	**J**	**100**		**85**		**0.42**	**J**	**2.9**		**2.9**		**0.50**	**U**	**1.7**	**J**
2-Butanone	10	U	10	U	20	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Bromochloromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Chloroform	6.6		5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,1,1-Trichloroethane	**13**		**210**		**150**		**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**46**	
Cyclohexane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Benzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.27	J	5.0	UJ
1,2-Dichloroethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,4-Dioxane	100	U	100	U	200	U	20	R	20	R	20	R	20	R	100	R
Trichloroethene	**26**		**110**		**84**		**1.4**		**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**110**	
Methylcyclohexane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	UJ
Bromodichloromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	20	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Toluene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.24	J	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U

Sample Number :	E1869		E1870		E1870DL		E1836		E1837		E1838		E1839		E1867	
Sampling Location :	AC-3		AC-4		AC-4		D-PW-14R		D-PW-15R		D-PW-15RD		D-SAS-TB		MW-68S	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/16/2007		7/16/2007				7/18/2007		7/18/2007		7/18/2007		7/13/2007		7/18/2007	
SDG #:	E1821		E1821		E1821		E1836		E1836		E1836		E1836		E1867	
pH :	2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		1.0		2.0		1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Tetrachloroethene	**16**		**5.0**	**U**	**10**	**U**	**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**0.50**	**U**	**5.0**	**U**
2-Hexanone	10	U	10	U	20	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Dibromochloromethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
o-Xylene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Styrene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Bromoform	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	10	U	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U

Sample Number :	E1871		E1871DL		E1872		E1873		E1874		E1800		E1801		E1802		E1802DL	
Sampling Location :	AC-1		AC-1		AC-2		WC-2		G-4		G-MW-6S		G-MW-5D		G-MW-5M		G-MW-5M	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/19/2007		7/19/2007		7/19/2007		7/16/2007		7/16/2007		7/16/2007			
SDG #:	E1867		E1867		E1867		E1867		E1867		E1800		E1800		E1800		E1800	
pH :	2		2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		1.0		1.0		1.0		1.0		2.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Chloromethane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Vinyl chloride	**5.0**	**UJ**	**25**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**10**	**U**
Bromomethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Chloroethane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	UJ	5.0	UJ	10	UJ
Trichlorofluoromethane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,1-Dichloroethene	63	J	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Acetone	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U
Carbon Disulfide	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Methyl acetate	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Methylene chloride	5.0	UJ	25	U	15		16		17		5.0	U	5.0	U	5.0	UJ	10	U
trans-1,2-Dichloroethene	3.2	J	25	U	5.0	U	5.0	U	5.0	U	5.0	U	4.7	J	1.8	J	10	U
Methyl tert-butyl ether	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,1-Dichloroethane	8.2		8.1	J	8.7		5.0	U	7.0		5.0	U	13		8.6		10	
cis-1,2-Dichloroethene	**34**	**J**	**33**		**9.8**		**4.8**	**J**	**4.5**	**J**	**5.0**	**U**	**47**		**21**		**25**	
2-Butanone	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U
Bromochloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Chloroform	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,1,1-Trichloroethane	**390**		**330**		**100**		**5.0**	**U**	**110**		**15**		**180**		**260**		**290**	
Cyclohexane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Carbon tetrachloride	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	UJ	5.0	UJ	10	UJ
Benzene	5.0	U	25	U	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	10	U
1,2-Dichloroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,4-Dioxane	100	R	500	R	100	R	100	R	100	R	100	R	100	R	100	R	200	R
Trichloroethene	**180**		**160**		**140**		**26**		**190**		**75**		**50**		**240**		**280**	
Methylcyclohexane	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2-Dichloropropane	5.0	U	25	U	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	10	U
Bromodichloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
cis-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
4-Methyl-2-pentanone	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U
Toluene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
trans-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U

Sample Number :	E1871		E1871DL		E1872		E1873		E1874		E1800		E1801		E1802		E1802DL	
Sampling Location :	AC-1		AC-1		AC-2		WC-2		G-4		G-MW-6S		G-MW-5D		G-MW-5M		G-MW-5M	
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/19/2007		7/19/2007		7/19/2007		7/16/2007		7/16/2007		7/16/2007			
SDG #:	E1867		E1867		E1867		E1867		E1867		E1800		E1800		E1800		E1800	
pH :	2		2		2		2		2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		1.0		1.0		1.0		1.0		2.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Tetrachloroethene	**5.0**	**U**	**25**	**U**	**5.0**	**U**	**5.0**	**U**	**1.1**	**J**	**5.0**	**U**	**5.0**	**U**	**3.4**	**J**	**3.9**	**J**
2-Hexanone	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U
Dibromochloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2-Dibromoethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Chlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Ethylbenzene	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
o-Xylene	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
m,p-Xylene	1.4	J	25	U	5.0	U	1.0	J	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Styrene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Bromoform	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
Isopropylbenzene	5.0	UJ	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,1,2,2-Tetrachloroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,3-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,4-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2-Dibromo-3-chloropropane	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2,4-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U
1,2,3-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U

Sample Number :	E1803		E1804		E1804DL		E1805		E1806		E1806DL		E1807		E1807DL		E1808
Sampling Location :	G-MW-5S		G-MW-D10		G-MW-D10		B-MW-007S		B-MW-008S		B-MW-008S		B-MW-010S		B-MW-010S		B-MW-01
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water		Water
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
Date Sampled :	7/16/2007		7/16/2007				7/17/2007		7/17/2007				7/17/2007				7/17/2007
SDG #:	E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800
pH :	2		2		2		2		2		2		2		2		2
Dilution Factor :	1.0		1.0		2.0		1.0		1.0		5.0		1.0		100.0		1.0
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result
Dichlorodifluoromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Chloromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Vinyl chloride	**5.0**	**U**	**5.0**	**U**	**10**	**U**	**5.0**	**U**	**5.0**	**U**	**25**	**U**	**5.0**	**U**	**500**	**U**	**5.0**
Bromomethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Chloroethane	5.0	U	5.0	UJ	10	UJ	5.0	U	5.0	U	25	UJ	5.0	UJ	500	U	5.0
Trichlorofluoromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,1-Dichloroethene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	480	J	500	U	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	UJ	500	U	5.0
Acetone	10	U	10	U	20	U	10	U	10	U	50	U	10	UJ	1000	U	10
Carbon Disulfide	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Methyl acetate	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Methylene chloride	5.0	U	5.0	UJ	10	U	11		5.0	UJ	25	U	5.0	UJ	500	U	5.0
trans-1,2-Dichloroethene	5.0	U	6.0		4.9	J	5.0	U	5.0	U	25	U	17	J	500	U	1.4
Methyl tert-butyl ether	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,1-Dichloroethane	5.0	U	16		15		5.0	U	45		60		74	J	500	U	1.1
cis-1,2-Dichloroethene	**5.0**	**U**	**58**		**54**		**1.5**	**J**	**76**		**100**		**660**	**J**	**580**		**37**
2-Butanone	10	U	10	U	20	U	10	U	10	U	50	U	10	U	1000	U	10
Bromochloromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Chloroform	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,1,1-Trichloroethane	**6.4**		**230**		**190**		**4.1**	**J**	**5.9**		**7.1**	**J**	**2000**		**1400**		**2.6**
Cyclohexane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Carbon tetrachloride	5.0	U	5.0	UJ	10	UJ	5.0	U	5.0	U	25	UJ	5.0	UJ	500	U	5.0
Benzene	5.0	UJ	5.0	U	10	U	5.0	UJ	5.0	U	25	U	5.0	U	500	UJ	5.0
1,2-Dichloroethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,4-Dioxane	100	R	100	R	200	R	100	R	100	R	500	R	100	R	10000	R	100
Trichloroethene	**7.4**		**65**		**59**		**14**		**160**		**200**		**7100**		**19000**		**170**
Methylcyclohexane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2-Dichloropropane	5.0	UJ	5.0	U	10	U	5.0	UJ	5.0	U	25	U	5.0	U	500	UJ	5.0
Bromodichloromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
cis-1,3-Dichloropropene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
4-Methyl-2-pentanone	10	U	10	U	20	U	10	U	10	U	50	U	10	U	1000	U	10
Toluene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
trans-1,3-Dichloropropene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	UJ	500	U	5.0

Sample Number :	E1803		E1804		E1804DL		E1805		E1806		E1806DL		E1807		E1807DL		E1808
Sampling Location :	G-MW-5S		G-MW-D10		G-MW-D10		B-MW-007S		B-MW-008S		B-MW-008S		B-MW-010S		B-MW-010S		B-MW-01
Matrix :	Water		Water		Water		Water		Water		Water		Water		Water		Water
Units :	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
Date Sampled :	7/16/2007		7/16/2007				7/17/2007		7/17/2007				7/17/2007				7/17/2007
SDG #:	E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800
pH :	2		2		2		2		2		2		2		2		2
Dilution Factor :	1.0		1.0		2.0		1.0		1.0		5.0		1.0		100.0		1.0
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result
1,1,2-Trichloroethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.5		500	U	5.0
Tetrachloroethene	**4.4**	**J**	**5.0**	**U**	**10**	**U**	**3.6**	**J**	**420**		**560**		**2.2**	**J**	**500**	**U**	**0.97**
2-Hexanone	10	U	10	U	20	U	10	U	10	U	50	U	10	UJ	1000	U	10
Dibromochloromethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2-Dibromoethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Chlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Ethylbenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
o-Xylene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
m,p-Xylene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Styrene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Bromoform	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
Isopropylbenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	UJ	500	U	5.0
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,3-Dichlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,4-Dichlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2-Dichlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2,4-Trichlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0
1,2,3-Trichlorobenzene	5.0	U	5.0	U	10	U	5.0	U	5.0	U	25	U	5.0	U	500	U	5.0

Sample Number :		E1812		E1813		E1814		E1825		E1825DL		E1841		E1875		E1875DL	
Sampling Location :	1S	B-MW-024S		B-MW-025S		B-MW-026S		B-MW-038S		B-MW-038S		TRIP BLANK-2		SIMCLAR-1S		SIMCLAR-1S	
Matrix :		Water		Water		Water		Water		Water		Water		Water		Water	
Units :		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		7/19/2007		7/19/2007		7/19/2007		7/18/2007				7/13/2007		7/18/2007			
SDG #:		E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800	
pH :		2		2		2		2		2		2		2		2	
Dilution Factor :		1.0		1.0		1.0		1.0		50.0		1.0		1.0		5.0	
Volatile Compound	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Chloromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Vinyl chloride	**U**	**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**1.7**	**J**	**250**	**U**	**5.0**	**U**	**5.0**	**U**	**25**	**U**
Bromomethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Chloroethane	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U	5.0	UJ	5.0	UJ	25	U
Trichlorofluoromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,1-Dichloroethene	UJ	5.0	UJ	5.0	UJ	5.0	UJ	27	J	250	U	5.0	UJ	43	J	25	U
1,1,2-Trichloro-1,2,2-trifluoroethane	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U	5.0	UJ	5.0	UJ	25	U
Acetone	UJ	10	UJ	10	UJ	10	UJ	5.0	J	500	U	10	UJ	3.7	J	50	U
Carbon Disulfide	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Methyl acetate	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Methylene chloride	U	17		13		11		5.0	U	510		11		5.0	U	51	
trans-1,2-Dichloroethene	J	5.0	U	5.0	U	5.0	U	20		250	U	5.0	U	5.0	U	25	U
Methyl tert-butyl ether	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,1-Dichloroethane	J	5.0	UJ	5.0	UJ	5.0	UJ	37	J	250	U	5.0	UJ	56	J	75	
cis-1,2-Dichloroethene		**5.0**	**U**	**5.0**	**U**	**5.0**	**U**	**1100**		**1000**		**5.0**	**U**	**12**		**15**	**J**
2-Butanone	U	10	U	10	U	10	U	10	U	500	U	10	U	10	U	50	U
Bromochloromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Chloroform	U	2.1	J	6.5		1.1	J	1.4	J	250	U	5.0	U	5.0	U	25	U
1,1,1-Trichloroethane	**J**	**2.7**	**J**	**5.0**	**U**	**5.0**	**U**	**38**		**250**	**U**	**5.0**	**U**	**610**		**710**	
Cyclohexane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Carbon tetrachloride	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.6	J	250	U	5.0	UJ	5.0	UJ	25	U
Benzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	UJ	5.0	U	5.0	U	25	UJ
1,2-Dichloroethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,4-Dioxane	R	100	R	100	R	100	R	100	R	5000	R	100	R	100	R	500	R
Trichloroethene		**61**		**9.7**		**5.0**	**U**	**4500**		**5600**		**1.6**	**J**	**400**		**520**	
Methylcyclohexane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2-Dichloropropane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	UJ	5.0	U	5.0	U	25	UJ
Bromodichloromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
cis-1,3-Dichloropropene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
4-Methyl-2-pentanone	U	10	U	10	U	10	U	10	U	500	U	10	U	10	U	50	U
Toluene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
trans-1,3-Dichloropropene	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U	5.0	UJ	5.0	UJ	25	U

Sample Number :		E1812		E1813		E1814		E1825		E1825DL		E1841		E1875		E1875DL	
Sampling Location :	1S	B-MW-024S		B-MW-025S		B-MW-026S		B-MW-038S		B-MW-038S		TRIP BLANK-2		SIMCLAR-1S		SIMCLAR-1S	
Matrix :		Water		Water		Water		Water		Water		Water		Water		Water	
Units :		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		7/19/2007		7/19/2007		7/19/2007		7/18/2007				7/13/2007		7/18/2007			
SDG #:		E1800		E1800		E1800		E1800		E1800		E1800		E1800		E1800	
pH :		2		2		2		2		2		2		2		2	
Dilution Factor :		1.0		1.0		1.0		1.0		50.0		1.0		1.0		5.0	
Volatile Compound	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	U	5.0	U	5.0	U	5.0	U	1.3	J	250	U	5.0	U	5.0	U	25	U
Tetrachloroethene	**J**	**5.0**	**U**	**1.5**	**J**	**5.0**	**U**	**1.3**	**J**	**250**	**U**	**5.0**	**U**	**18**		**22**	**J**
2-Hexanone	UJ	10	UJ	10	UJ	10	UJ	10	UJ	500	U	10	UJ	10	UJ	50	U
Dibromochloromethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2-Dibromoethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Chlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Ethylbenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
o-Xylene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
m,p-Xylene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Styrene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Bromoform	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
Isopropylbenzene	UJ	5.0	UJ	5.0	UJ	1.5	J	5.0	UJ	250	U	5.0	UJ	5.0	UJ	25	U
1,1,2,2-Tetrachloroethane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,3-Dichlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,4-Dichlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2-Dichlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2-Dibromo-3-chloropropane	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2,4-Trichlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U
1,2,3-Trichlorobenzene	U	5.0	U	5.0	U	5.0	U	5.0	U	250	U	5.0	U	5.0	U	25	U

Sample Number :	E1876		E1876DL	
Sampling Location :	Eastway		Eastway	
Matrix :	Water		Water	
Units :	ug/L		ug/L	
Date Sampled :	7/18/2007			
SDG #:	E1800		E1800	
pH :	2		2	
Dilution Factor :	1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	50	U
Chloromethane	5.0	U	50	U
Vinyl chloride	**5.0**	**U**	**50**	**U**
Bromomethane	5.0	U	50	U
Chloroethane	5.0	UJ	50	UJ
Trichlorofluoromethane	5.0	U	50	U
1,1-Dichloroethene	5.0	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	50	U
Acetone	10	U	100	U
Carbon Disulfide	5.0	U	50	U
Methyl acetate	5.0	U	50	U
Methylene chloride	5.0	UJ	50	UJ
trans-1,2-Dichloroethene	49		36	J
Methyl tert-butyl ether	5.0	U	50	U
1,1-Dichloroethane	6.6		50	U
cis-1,2-Dichloroethene	**230**		**170**	
2-Butanone	10	U	100	U
Bromochloromethane	5.0	U	50	U
Chloroform	5.0	U	50	U
1,1,1-Trichloroethane	**5.0**	**U**	**50**	**U**
Cyclohexane	5.0	U	50	U
Carbon tetrachloride	5.0	UJ	50	UJ
Benzene	5.0	U	50	U
1,2-Dichloroethane	5.0	U	50	U
1,4-Dioxane	100	R	1000	R
Trichloroethene	**830**		**600**	
Methylcyclohexane	5.0	U	50	U
1,2-Dichloropropane	5.0	U	50	U
Bromodichloromethane	5.0	U	50	U
cis-1,3-Dichloropropene	5.0	U	50	U
4-Methyl-2-pentanone	10	U	100	U
Toluene	5.0	U	50	U
trans-1,3-Dichloropropene	5.0	U	50	U

Sample Number :	E1876		E1876DL	
Sampling Location :	Eastway		Eastway	
Matrix :	Water		Water	
Units :	ug/L		ug/L	
Date Sampled :	7/18/2007			
SDG #:	E1800		E1800	
pH :	2		2	
Dilution Factor :	1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	50	U
Tetrachloroethene	**120**		**77**	
2-Hexanone	10	U	100	U
Dibromochloromethane	5.0	U	50	U
1,2-Dibromoethane	5.0	U	50	U
Chlorobenzene	5.0	U	50	U
Ethylbenzene	5.0	U	50	U
o-Xylene	5.0	U	50	U
m,p-Xylene	5.0	U	50	U
Styrene	5.0	U	50	U
Bromoform	5.0	U	50	U
Isopropylbenzene	5.0	U	50	U
1,1,2,2-Tetrachloroethane	5.0	U	50	U
1,3-Dichlorobenzene	5.0	U	50	U
1,4-Dichlorobenzene	5.0	U	50	U
1,2-Dichlorobenzene	5.0	U	50	U
1,2-Dibromo-3-chloropropane	5.0	U	50	U
1,2,4-Trichlorobenzene	5.0	U	50	U
1,2,3-Trichlorobenzene	5.0	U	50	U

APPENDIX B

Volatile Target Compound List and Corresponding CRQLs

COMPOUND	CONTRACT REQUIRED QUANTITATION LIMITS			
	OLC03.2 Water (ug/L)	OLM04.3 Water (ug/L)	OLM04.3 Low Soil (ug/Kg)	OLM04.3 Medium Soil (ug/Kg)
Dichlorodifluoromethane	0.5	10	10	1,300
Chloromethane EXIT Disclaimer	0.5	10	10	1,300
Bromomethane	0.5	10	10	1,300
Vinyl Chloride EXIT Disclaimer	0.5	10	10	1,300
Chloroethane EXIT Disclaimer	0.5	10	10	1,300
Trichlorofluoromethane	0.5	10	10	v
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	10	10	1,300
Methylene Chloride EXIT Disclaimer	0.5	10	10	1,300
Acetone EXIT Disclaimer	5	10	10	1,300
Carbon Disulfide EXIT Disclaimer	0.5	10	10	1,300
Methyl Acetate	0.5	10	10	1,300
1,1-Dichloroethene EXIT Disclaimer	0.5	10	10	1,300
1,1-Dichloroethane EXIT Disclaimer	0.5	10	10	1,300
cis-1,2-Dichloroethene EXIT Disclaimer	0.5	10	10	1,300
trans-1,2-Dichloroethene EXIT Disclaimer	0.5	10	10	1,300
Methyl tert-Butyl Ether EXIT Disclaimer	0.5	10	10	1,300
Chloroform EXIT Disclaimer	0.5	10	10	1,300
1,2-Dichloroethane EXIT Disclaimer	0.5	10	10	1,300
2-Butanone EXIT Disclaimer	5	10	10	1,300
Bromochloromethane	0.5	NA	NA	NA
1,1,1-Trichloroethane EXIT Disclaimer	0.5	10	10	1,300
Cyclohexane	0.5	10	10	1,300
Carbon Tetrachloride EXIT Disclaimer	0.5	10	10	1,300
Bromodichloromethane EXIT Disclaimer	0.5	10	10	1,300
1,2-Dichloropropane EXIT Disclaimer	0.5	10	10	1,300
cis-1,3-Dichloropropene EXIT Disclaimer	0.5	10	10	1,300
Trichloroethene EXIT Disclaimer	0.5	10	10	1,300
Methylcyclohexane	0.5	10	10	1,300

Dibromochloromethane EXIT Disclaimer	0.5	10	10	1,300
1,1,2-Trichloroethane EXIT Disclaimer	0.5	10	10	1,300
Benzene	0.5	10	10	1,300
trans-1,3-Dichloropropene EXIT Disclaimer	0.5	10	10	1,300
Bromoform EXIT Disclaimer	0.5	10	10	1,300
Isopropylbenzene	0.5	10	10	1,300
4-Methyl-2-pentanone	5	10	10	1,300
2-Hexanone EXIT Disclaimer	5	10	10	1,300
Tetrachloroethene EXIT Disclaimer	0.5	10	10	1,300
1,2-Dibromoethane EXIT Disclaimer	0.5	10	10	1,300
Toluene EXIT Disclaimer	0.5	10	10	1,300
1,1,2,2-Tetrachloroethane EXIT Disclaimer	0.5	10	10	1,300
Chlorobenzene EXIT Disclaimer	0.5	10	10	1,300
Ethylbenzene EXIT Disclaimer	0.5	10	10	1,300
Styrene EXIT Disclaimer	0.5	10	10	1,300
Xylenes (Total)	0.5	10	10	1,300
1,2-Dibromo-3-chloropropane EXIT Disclaimer	0.5	10	10	1,300
1,3-Dichlorobenzene EXIT Disclaimer	0.5	10	10	1,300
1,4-Dichlorobenzene EXIT Disclaimer	0.5	10	10	1,300
1,2-Dichlorobenzene EXIT Disclaimer	0.5	10	10	1,300
1,2,3-Trichlorobenzene	0.5	NA	NA	NA
1,2,4-Trichlorobenzene	0.5	10	10	1,300

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Semivolatile Target Compound List and Corresponding CRQLs

COMPOUND	CONTRACT REQUIRED QUANTITATION LIMITS			
	OLC03.2 Water (ug/L)	OLM04.3 Water (ug/L)	OLM04.3 Low Soil (ug/Kg)	OLM04.3 Medium Soil (ug/Kg)
Benzaldehyde	5	10	330	10,000
Phenol EXIT Disclaimer	5	10	330	10,000
bis(2-Chloroethyl) ether EXIT Disclaimer	5	10	330	10,000
2-Chlorophenol EXIT Disclaimer	5	10	330	10,000
2-Methylphenol	5	10	330	10,000
2,2'-oxybis(1-Chloropropane)	5	10	330	10,000
Acetophenone	5	10	330	10,000
4-Methylphenol	5	10	330	10,000
N-Nitroso-di-n-propylamine	5	10	330	10,000
Hexachloroethane EXIT Disclaimer	5	10	330	10,000
Nitrobenzene EXIT Disclaimer	5	10	330	10,000
Isophorone EXIT Disclaimer	5	10	330	10,000
2-Nitrophenol EXIT Disclaimer	5	10	330	10,000
2,4-Dimethylphenol	5	10	330	10,000
bis(2-Chloroethoxy) methane	5	10	330	10,000
2,4-Dichlorophenol EXIT Disclaimer	5	10	330	10,000
Naphthalene EXIT Disclaimer	5	10	330	10,000
4-Chloroaniline	5	10	330	10,000
Hexachlorobutadiene EXIT Disclaimer	5	10	330	10,000

Caprolactam	5	10	330	10,000
4-Chloro-3-methylphenol	5	10	330	10,000
2-Methylnaphthalene EXIT Disclaimer	5	10	330	10,000
Hexachlorocyclopentadiene	5	10	330	10,000
2,4,6-Trichlorophenol EXIT Disclaimer	5	10	330	10,000
2,4,5-Trichlorophenol EXIT Disclaimer	20	25	830	25,000
1,1'-Biphenyl	5	10	330	10,000
2-Chloronapthalene	5	10	330	10,000
2-Nitroaniline	20	25	830	25,000
Dimethylphthalate	5	10	330	10,000
Acenaphthylene EXIT Disclaimer	5	10	330	10,000
2,6-Dinitrotoluene EXIT Disclaimer	5	10	330	10,000
3-Nitroaniline	20	25	830	25,000
Acenaphthene EXIT Disclaimer	5	10	330	10,000
2,4-Dinitrophenol EXIT Disclaimer	20	25	830	25,000
4-Nitrophenol EXIT Disclaimer	20	25	830	25,000
Dibenzofuran	5	10	330	10,000
2,4-Dinitrotoluene EXIT Disclaimer	5	10	330	10,000
Diethylphthalate	5	10	330	10,000
4-Chlorophenyl-phenylether	5	10	330	10,000
Fluorene EXIT Disclaimer	5	10	330	10,000
4-Nitroaniline	20	25	830	25,000
4,6-Dinitro-2-methylphenol	20	25	830	25,000
N-Nitrosodiphenylamine EXIT Disclaimer	5	10	330	10,000
4-Bromophenyl-phenylether	5	10	330	10,000
Hexachlorobenzene EXIT Disclaimer	5	10	330	10,000
Atrazine EXIT Disclaimer	5	10	330	10,000
Pentachlorophenol EXIT Disclaimer	5	25	830	25,000
Phenanthrene EXIT Disclaimer	5	10	330	10,000
Anthracene EXIT Disclaimer	5	10	330	10,000
Carbazole	NA	10	330	10,000
Di-n-butylphthalate EXIT Disclaimer	5	10	330	10,000
Fluoranthene EXIT Disclaimer	5	10	330	10,000

Pyrene EXIT Disclaimer	5	10	330	10,000
Butylbenzylphthalate	5	10	330	10,000
3,3'-Dichlorobenzidine EXIT Disclaimer	5	10	330	10,000
Benzo(a)anthracene EXIT Disclaimer	5	10	330	10,000
Chrysene EXIT Disclaimer	5	10	330	10,000
bis-(2-Ethylhexyl)phthalate EXIT Disclaimer	5	10	330	10,000
Di-n-octylphthalate EXIT Disclaimer	5	10	330	10,000
Benzo(b)fluoranthene EXIT Disclaimer	5	10	330	10,000
Benzo(k)fluoranthene EXIT Disclaimer	5	10	330	10,000
Benzo(a)pyrene EXIT Disclaimer	5	10	330	10,000
Indeno(1,2,3-cd)pyrene EXIT Disclaimer	5	10	330	10,000
Dibenzo(a,h)anthracene EXIT Disclaimer	5	10	330	10,000
Benzo(g,h,i)perylene EXIT Disclaimer	5	10	330	10,000
1,2,4,5-Tetrachlorobenzene	5	--	--	--

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Pesticides/Aroclors Target Compound List and Corresponding CRQLs

COMPOUND	CONTRACT REQUIRED QUANTITATION LIMITS		
	OLC03.2 Water (ug/L)	OLM04.3 Water (ug/L)	OLM04.3 Soil (ug/Kg)
alpha-BHC EXIT Disclaimer	0.01	0.05	1.7
beta-BHC EXIT Disclaimer	0.01	0.05	1.7
delta-BHC EXIT Disclaimer	0.01	0.05	1.7
gamma-BHC (Lindane) EXIT Disclaimer	0.01	0.05	1.7
Heptachlor	0.01	0.05	1.7
Aldrin EXIT Disclaimer	0.01	0.05	1.7
Heptachlor epoxide	0.01	0.05	1.7
Endosulfan I EXIT Disclaimer	0.01	0.05	1.7
Dieldrin EXIT Disclaimer	0.02	0.10	3.3
4,4'-DDE EXIT Disclaimer	0.02	0.10	3.3
Endrin EXIT Disclaimer	0.02	0.10	3.3
Endosulfan II EXIT Disclaimer	0.02	0.10	3.3
4,4'-DDD EXIT Disclaimer	0.02	0.10	3.3
Endosulfan sulfate EXIT Disclaimer	0.02	0.10	3.3
4,4'-DDT EXIT Disclaimer	0.02	0.10	3.3
Methoxychlor EXIT Disclaimer	0.10	0.50	17.0
Endrin ketone EXIT Disclaimer	0.02	0.10	3.3
Endrin aldehyde EXIT Disclaimer	0.02	0.10	3.3
alpha-Chlordane EXIT Disclaimer	0.01	0.05	1.7
gamma-Chlordane EXIT Disclaimer	0.01	0.05	1.7
Toxaphene EXIT Disclaimer	1.0	5.0	170.0
Aroclor-1016 EXIT Disclaimer	0.20	1.0	33.0
Aroclor-1221 EXIT Disclaimer	0.40	2.0	67.0
Aroclor-1232 EXIT Disclaimer	0.20	1.0	33.0
Aroclor-1242 EXIT Disclaimer	0.20	1.0	33.0
Aroclor-1248 EXIT Disclaimer	0.20	1.0	33.0
Aroclor-1254 EXIT Disclaimer	0.20	1.0	33.0
Aroclor-1260 EXIT Disclaimer	0.20	1.0	33.0

U.S. Environmental Protection Agency

Superfund Analytical Services/Contract Laboratory Program (CLP)

Metals/Cyanide Target Analyte List and Corresponding CRQLs

The following Analytes and CRQLs are taken from the ILM05.3 Statement of Work.

ANALYTES	CONTRACT REQUIRED QUANTITATION LIMITS		
	ICP-AES Water (ug/L)	ICP-AES Soil (mg/kg)	ICP-MS Water (ug/L)
Aluminum EXIT Disclaimer	200	20	--
Antimony EXIT Disclaimer	60	6	2
Arsenic	10	1	1
Barium	200	20	10
Beryllium EXIT Disclaimer	5	0.5	1
Cadmium EXIT Disclaimer	5	0.5	1
Calcium	5000	500	--
Chromium EXIT Disclaimer	10	1	2
Cobalt EXIT Disclaimer	50	5	1
Copper EXIT Disclaimer	25	2.5	2
Iron	100	10	--
Lead	10	1	1
Magnesium	5000	500	--
Manganese EXIT Disclaimer	15	1.5	1
Mercury EXIT Disclaimer	0.2	0.1	--
Nickel EXIT Disclaimer	40	4	1
Potassium	5000	500	--
Selenium EXIT Disclaimer	35	3.5	5
Silver EXIT Disclaimer	10	1	1
Sodium	5000	500	--
Thallium EXIT Disclaimer	25	2.5	1
Vanadium EXIT Disclaimer	50	5	1
Zinc EXIT Disclaimer	60	6	2
Cyanide EXIT Disclaimer	10	2.5	--

APPENDIX C

Population Data

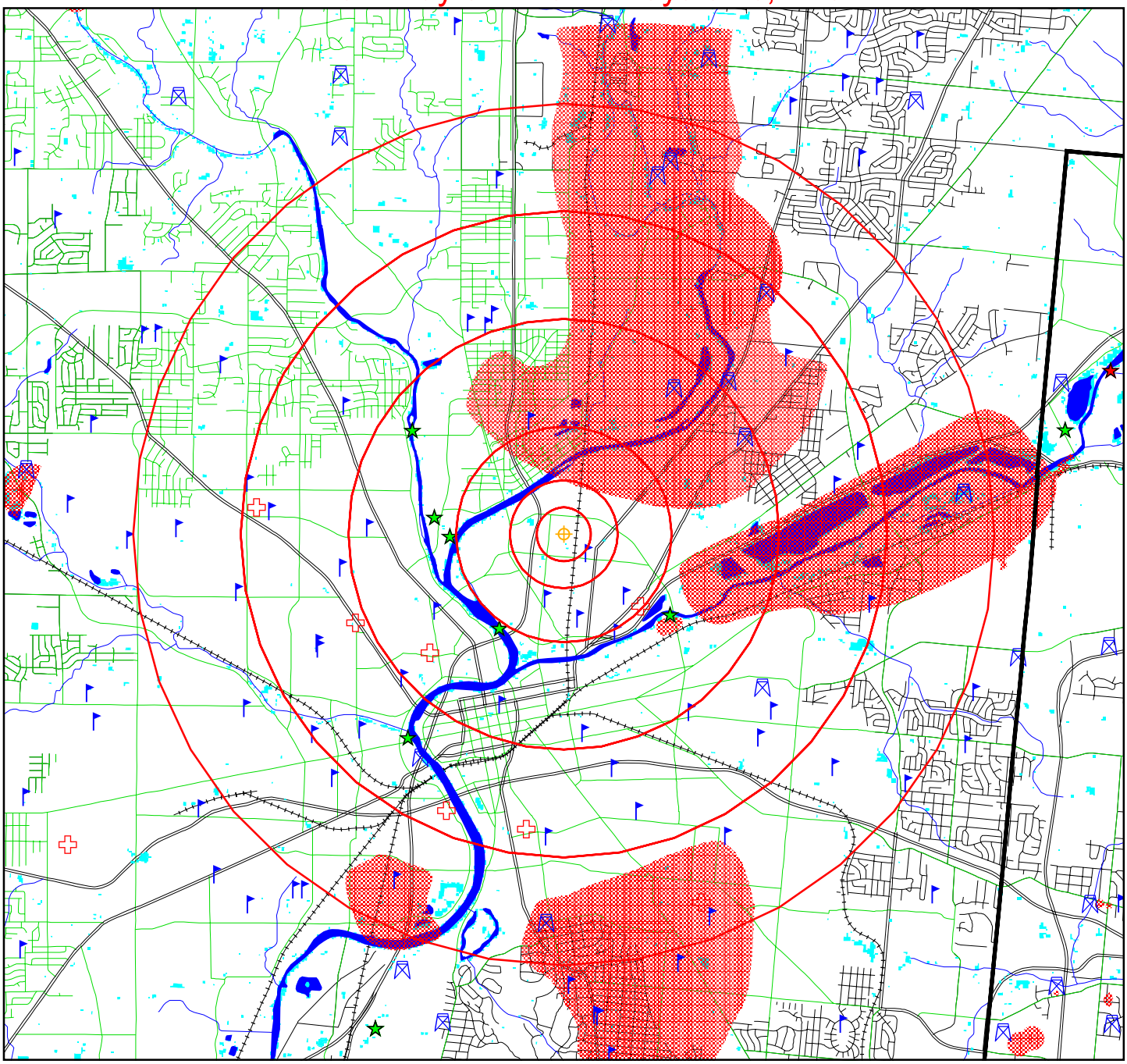
RADIUS	TOTAL	WHITE	BLACK	INDIAN	ASIAN	HAWAII_PAC	OTHER	HOUSING
3.00 - 4.00	70879	42168	26146	160	655	35	1715	27062
2.00 - 3.00	59133	37527	19239	185	454	24	1703	24816
1.00 - 2.00	30715	19701	9787	88	162	5	972	13102
0.50 - 1.00	6019	4807	1005	32	27	4	143	2408
0.25 - 0.50	806	734	36	6	5	1	24	331
0.00 - 0.25	109	92	10	1	1	0	5	48
TOTALS	**167661**	**105029**	**56223**	**472**	**1304**	**69**	**4562**	**67767**

Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

Montgomery County

Behr Dayton Thermal Systems, LLC



- Site
- School
- Hospital
- Public Surface Water Systems
- Public Ground Water Systems
- US Endangered/Threatened Species
- Ohio Endangered/Threatened Species
- Wetland Area
- Lakes & Ponds
- Wellhead Protection Area
- Limit of Radius From Site
- County Boundaries
- Rivers & Streams
- Railroad
- State and Federal Highways
- Local Roads
- Municipal Roads

N

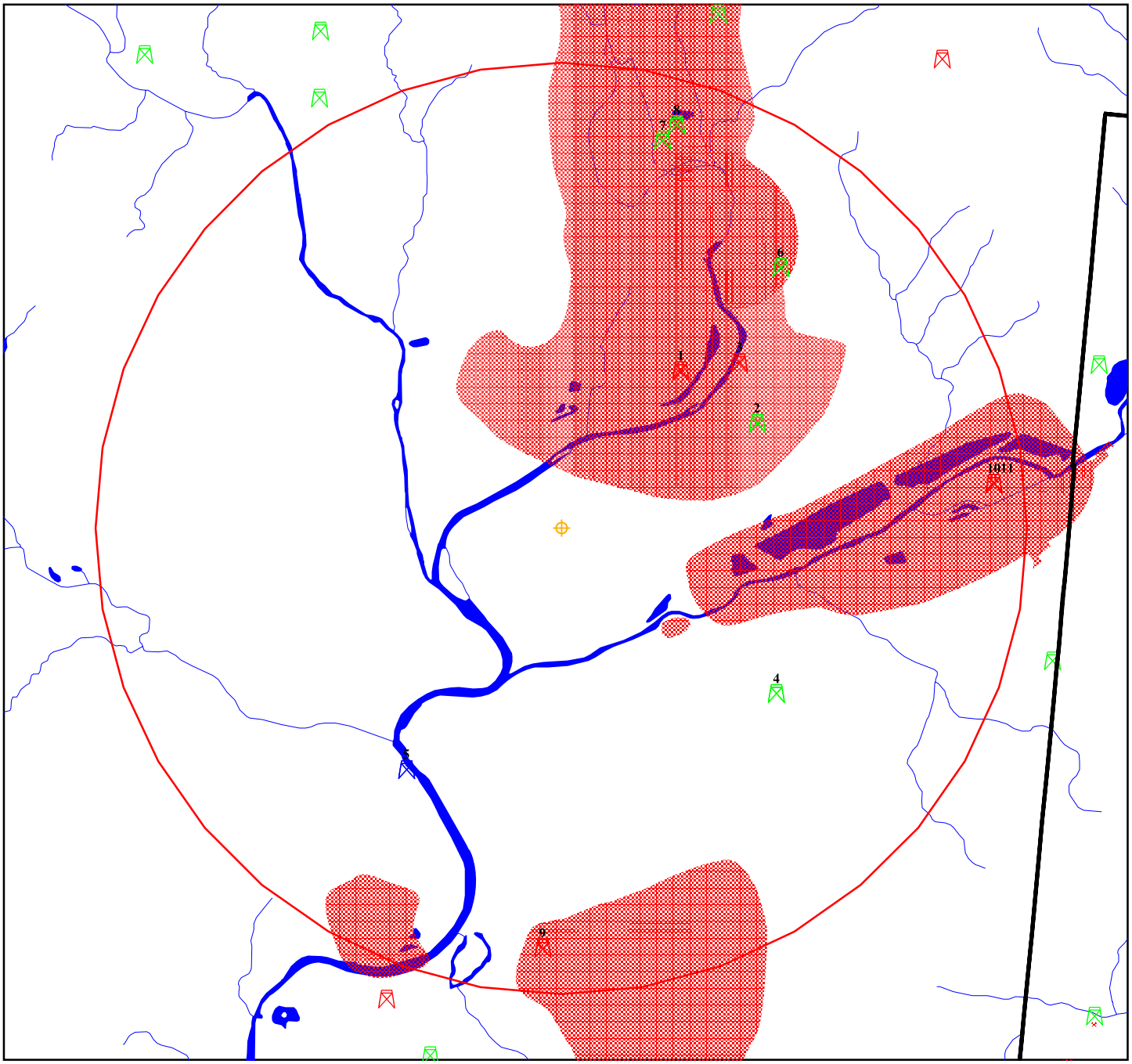
2 0 2 Miles

Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

PUBLIC GROUND WATER SYSTEMS

Behr Dayton Thermal Systems, LLC



Site

Public Ground Water Systems
- Community
- Non-Community/Transient
- Non-Community/Non-Transient

Rivers & Streams
Wellhead Protection Area
Lakes & Ponds
Limit of Radius From Site
County Boundaries

1 0 1 Miles

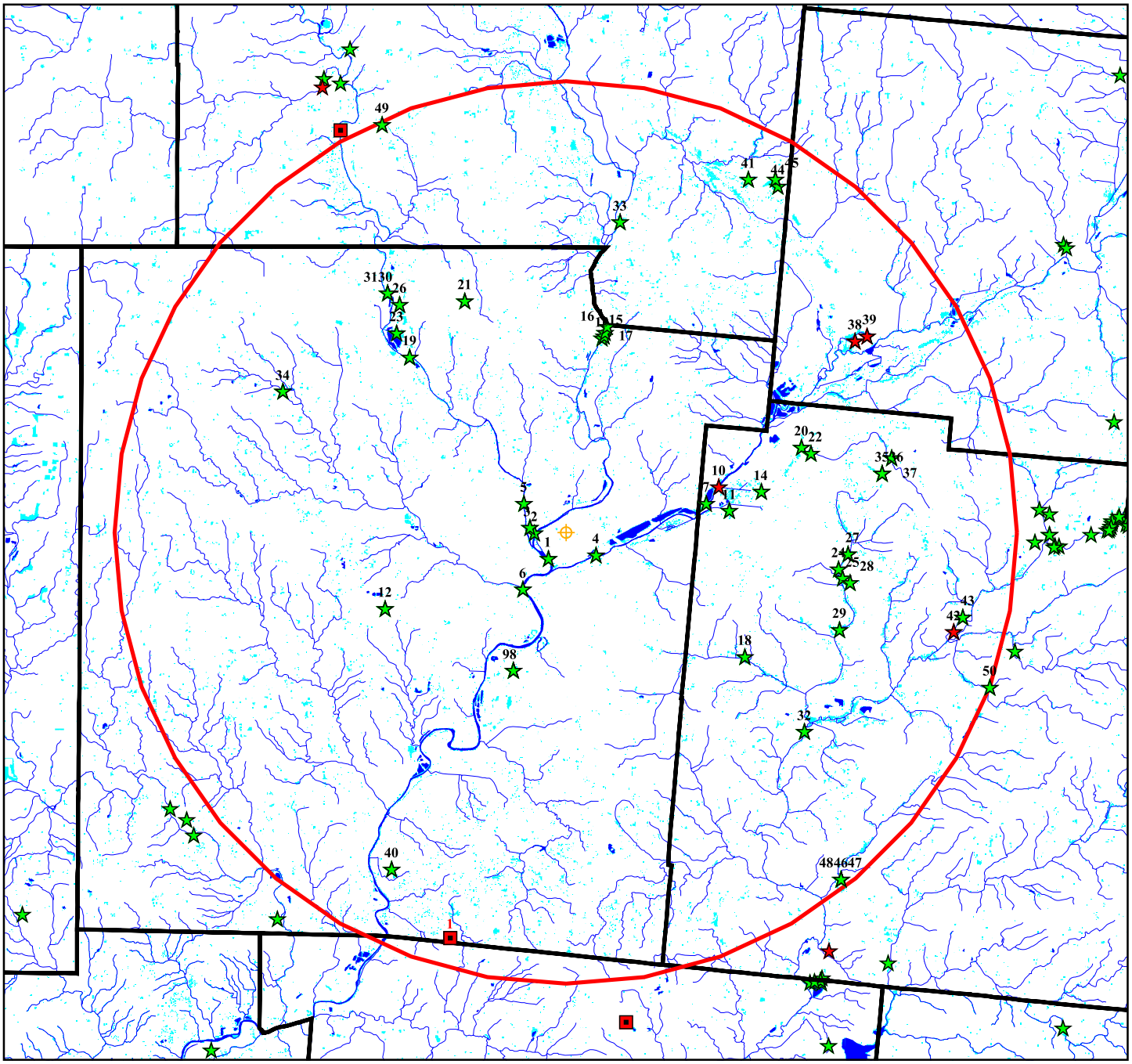
N

Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 15-MILE RADIUS MAP

NATURAL HERITAGE DATA

Behr Dayton Thermal Systems, LLC



Site

US Endangered/Threatened Species

Ohio Endangered/Threatened Species

Public Surface Water Systems

Community

Non-Community/Transient

Non-Community/Non-Transient

Rivers & Streams

Wetland Area

Lakes & Ponds

Limit of Radius From Site

County Boundaries

4 0 4 8 Miles

N

Natural Heritage Information

ID	STATUS	DISTANCE	SCI_NAME	COM_NAME
1	State Threatened	1.0573	UNIOMERUS TETRALASMUS	PONDHORN
2	State Threatened	1.0624	DESCURAINIA PINNATA	TANSY MUSTARD
3	State Endangered	1.2174	PENSTEMON LAEVIGATUS	SMOOTH BEARD-TONGUE
4	State Endangered	1.2298	GOMPHUS EXTERNUS	PLAINS CLUBTAIL
5	State Endangered	1.7136	EPIOBLASMA TRIQUETRA	SNUFFBOX
6	State Threatened	2.3806	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON
7	State Endangered	4.7490	SISTRURUS CATENATUS	EASTERN MASSASAUGA
8	State Threatened	4.9075	DRABA REPTANS	CAROLINA WHITLOW-GRASS
9	State Endangered	4.9075	MUHLENBERGIA CUSPIDATA	PLAINS MUHLENBERGIA
10	**Federally Endangered**	5.2951	MYOTIS SODALIS	INDIANA BAT
11	State Endangered	5.4616	SISTRURUS CATENATUS	EASTERN MASSASAUGA
12	State Threatened	6.5300	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE
13	State Threatened	6.5677	VIBURNUM MOLLE	SOFT-LEAVED ARROW-WOOD
14	State Endangered	6.6152	PAPAIPEMA BEERIANA	BEER'S NOCTUID
15	State Threatened	6.6532	PENSTEMON PALLIDUS	DOWNY WHITE BEARD-TONGUE
16	State Threatened	6.7715	VERATRUM WOODII	WOOD'S-HELLEBORE
17	State Threatened	6.9730	VERATRUM WOODII	WOOD'S-HELLEBORE
18	State Threatened	7.2292	CLEMMYS GUTTATA	SPOTTED TURTLE
19	State Endangered	7.8189	EPIOBLASMA TRIQUETRA	SNUFFBOX
20	State Threatened	8.3123	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
21	State Threatened	8.4066	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
22	State Threatened	8.5526	CAREX MESOCHOREA	MIDLAND SEDGE
23	State Threatened	8.7085	LIPOCARPHA MICRANTHA	DWARF BULRUSH
24	State Threatened	9.1273	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE
25	State Threatened	9.2996	SELAGINELLA ECLIPES	MIDWEST SPIKE-MOSS
26	State Threatened	9.3929	ARABIS HIRSUTA VAR ADPRESSIPILIS	SOUTHERN HAIRY ROCK CRESS
27	State Threatened	9.3930	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE
28	State Threatened	9.5685	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE
29	State Threatened	9.6419	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE
30	State Endangered	9.9336	VILLOSA FABALIS	RAYED BEAN
31	State Endangered	9.9336	EPIOBLASMA TRIQUETRA	SNUFFBOX
32	State Endangered	10.3194	EPIOBLASMA TRIQUETRA	SNUFFBOX
33	State Threatened	10.4744	VERATRUM WOODII	WOOD'S-HELLEBORE
34	State Threatened	10.5275	ORCONECTES SLOANII	SLOAN'S CRAYFISH
35	State Threatened	10.6863	SELAGINELLA ECLIPES	MIDWEST SPIKE-MOSS
36	State Threatened	10.6863	TRIGLOCHIN MARITIMUM	SEASIDE ARROW-GRASS
37	State Threatened	11.0885	SELAGINELLA ECLIPES	MIDWEST SPIKE-MOSS
38	Federally Threatened	11.5225	PLATANTHERA LEUCOPHAEA	PRAIRIE FRINGED ORCHID
39	Federally Threatened	11.9490	PLATANTHERA LEUCOPHAEA	PRAIRIE FRINGED ORCHID
40	State Endangered	12.6107	JUNCUS INTERIOR	INLAND RUSH
41	State Threatened	13.2058	TRIGLOCHIN MARITIMUM	SEASIDE ARROW-GRASS
42	**Federally Endangered**	13.2909	PLEUROBEMA CLAVA	CLUBSHELL
43	State Threatened	13.4738	TRUNCILLA DONACIFORMIS	FAWNSFOOT
44	State Threatened	13.4897	UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
45	State Threatened	13.6445	CAREX RETROFLEXA VAR RETROFLEXA	REFLEXED SEDGE
46	State Threatened	14.6994	SELAGINELLA ECLIPES	MIDWEST SPIKE-MOSS
47	State Threatened	14.6994	CLEMMYS GUTTATA	SPOTTED TURTLE
48	State Threatened	14.6994	CALAMINTHA ARKANSANA	LIMESTONE SAVORY
49	State Threatened	14.8793	VERATRUM WOODII	WOOD'S-HELLEBORE
50	State Threatened	14.9836	SELAGINELLA ECLIPES	MIDWEST SPIKE-MOSS

Public Water Supplies -- Ground and Surface Water Sources

Ground Water Sources

ID#	PWS_ID	SYS_TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
1	5700712	Community	DAYTON, CITY OF-MIAMI PL.	3210 CHUCK WAGNER LANE	DAYTON	OH	1.6923	184000
2	5746012	Non-Community/Transient	FIRST FREE WILL BAPTIST	1661 BRANDT PIKE	DAYTON	OH	1.9028	150
3	5702012	Community	HUBER HEIGHTS-PLANT #1	P.O. BOX 24099	HUBER HEIGHTS	OH	2.0817	29250
4	5745612	Non-Community/Transient	BLESSED HOPE BAPTIST CH.	4461 FISHBURG ROAD	HUBER HEIGHTS	OH	2.3302	50
5	5733112	Non-Community/Non-Transient	DELPHI CHASSIS SYSTEMS	1420 WISCONSIN BLVD., PO BOX 1245	DAYTON	OH	2.468	2200
6	5734812	Non-Community/Transient	HUNGARIAN E & R CHURCH	4457 TROY PIKE	DAYTON	OH	2.9202	250
7	5737112	Non-Community/Transient	VOITURE 40-8, 34	4214 POWELL ROAD	DAYTON	OH	3.4371	30
8	5731212	Non-Community/Transient	CAPT. JOHN C. POST LODGE	4275 POWELL ROAD	DAYTON	OH	3.5961	200
9	5701915	Community	OAKWOOD, CITY OF	30 PARK AVENUE	DAYTON	OH	3.6158	9500
10	5700722	Community	DAYTON, CITY OF-OTTAWA P.	3210 CHUCK WAGNER LANE	DAYTON	OH	3.729	236000
11	5701503	Community	MONTGOMERY CO: WATER SYST.	4221 LAMME ROAD	DAYTON	OH	3.729	109000

APPENDIX D

ESAT Controlled Number: ESAT5.05.00186-pdavis 8/13/07

DATE: August 13, 2007

Ohio EPA Field Office
ATTN: **Mr. Jeff Wander**
4675 Homer Ohio Lane
Groveport, OH 43125

SITE NAME: Behr Dayton Thermal (OH)

CASE	LAB	SAMPLES	SDG	MATRIX
36627	A4 Scientific	19	E1821	water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

PLEASE! Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Sylvia Griffin
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 – **TechLaw Inc.**

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1869

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-18

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1424.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1870

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1414.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	35	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.8	JB
156-60-5	trans-1,2-Dichloroethene	11	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	20	
156-59-2	cis-1,2-Dichloroethene	100	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	210	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1870

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1414.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	110	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1870

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1414.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1870DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1428.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	20	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	12	BD
156-60-5	trans-1,2-Dichloroethene	8.9	JD
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	16	D
156-59-2	cis-1,2-Dichloroethene	85	D
78-93-3	2-Butanone	20	U
74-97-5	Bromochloromethane	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	150	D
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
123-91-1	1,4-Dioxane	200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1870DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1428.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	84	D
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	20	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
95-47-6	o-Xylene	10	U
179601-23-1	m,p-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1870DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-19RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1428.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.5	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
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14					
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23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.4	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGI

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070037-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1368.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGI

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070037-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1368.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGI

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070037-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1368.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.2	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	4.7	J
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.2	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
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11					
12					
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23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-20

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1325.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.5	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-20

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1325.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-20

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1325.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E1821 CERCLIS No: OHN000510164

Case No: 36627 Site Name/Location: Behr Dayton Thermal (OH)

Contractor or EPA Lab: AH Scientific Data User: OEPA

No. of Samples: 19 Date Sampled or Date Received: 6 Aug 07

Have Chain-of-Custody records been received? Yes ✓ No ____

Have traffic reports or packing lists been received? Yes ✓ No ____

If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____

If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____
____ ____ ____ ____

Are basic data forms in? Yes ✓ No ____

No of samples claimed: ____ No. of samples received: ____

Received by: Adams Johnson Date: 6 Aug 07

Received by LSSS: Adams Johnson Date: 8 Aug 07

Review started: 8/13/07 Reviewer Signature: [signature]

Total time spent on review: 2.0 hrs Date review completed: 8/13/07

Copied by: ____ Date: ____

Mailed to user by: Adams Johnson Date: 13 Aug 07

DATA USER:

Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

____

____

Received by Data Mgmt. Coordinator for Files. Date: ____

Controlled Document

ESAT5.04.00106
ACH 8-13-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Electronic (Level 2) Review of Data
Received for Review on: 08/06/2007

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

THE FOLLOWING DATA HAS BEEN ELECTRONICALLY REVIEWED BY CADRE. NO REVIEW OF THE RAW DATA, LABORATORY NARRATIVE, LABORATORY FORMS OR CHAIN-OF-CUSTODY FORMS WAS PERFORMED.

SITE Name: Behr Dayton Thermal (OH)

Case Number: 36627 SDG Number: E1821

Number and Type of Samples: 19 Water Samples (Volatiles)

Sample Numbers: E1821, E1822, E1824, E1826 – E1835, E1840, E1843, E1844, E1868 – E1870

Laboratory: A4 Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1821
Laboratory: A4 Scientific

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Nineteen (19) preserved water samples labeled E1821, E1822, E1824, E1826 – E1835, E1840, E1843, E1844, and E1868 – E1870 were shipped to A4 Scientific Lab. All samples were collected between 07/13/2007 and 07/18/2007 and received on 07/19/2007 intact and properly cooled. All samples were analyzed for the low-medium volatile target compounds. All samples were analyzed according to CLP SOW SOM01.1.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1821
Laboratory: A4 Scientific

1. HOLDING TIME

See National Functional Guidelines Report #3.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

See National Functional Guidelines Report #3.

3. CALIBRATION

See National Functional Guidelines Report #3.

4. BLANKS

See National Functional Guidelines Report #3.

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

See National Functional Guidelines Report #3.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

See National Functional Guidelines Report #3.

7. FIELD BLANK AND FIELD DUPLICATE

See National Functional Guidelines Report #3.

8. INTERNAL STANDARDS

See National Functional Guidelines Report #3.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all volatile compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

See National Functional Guidelines Report #3.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1821
Laboratory: A4 Scientific

12. ADDITIONAL INFORMATION

None.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1821
Laboratory: A4 Scientific

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

National Functional Guidelines Report # 3

2:41 Tue, Aug 7, 2007

Lab A4 (A4 Scientific) **SDG** E1821 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43445 **SOW** SOM01.2

Data Review Results

Blanks

Blanks	**VOA_LOW_MED**
VLB11	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrationshave been elevated to the CRQL.
	Methylene chloride E1822DL, E1826DL, E1827, E1829DL, E1834, E1835, E1843, E1844, E1844DL, E1868, E1869, E1870, E1870DL
Blanks	**VOA_LOW_MED**
VLB46	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1821, E1822, E1822DL, E1824, E1826DL, E1827, E1829, E1829DL, E1830, E1831, E1832, E1833, E1834, E1835, E1843, E1844, E1844DL, E1868, E1869, E1870, E1870DL
Blanks	**VOA_LOW_MED**
VLB55	The following volatile samples have common contaminant analyte concentrations reported greater than or equal to 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1826, E1828, E1828DL, E1831MS, E1831MSD

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1821 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43445 **SOW** SOM01.2

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification	**VOA_LOW_MED**
VC8	The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ. E1827, E1844, E1870, VBLKGK
	1,1-Dichloroethene VSTD050GK

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1821 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43445 **SOW** SOM01.2

Data Review Results

DMC/Surrogate

DMC/Surrogate	**VOA_LOW_MED**
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	E1827, E1829
	Chloroethane-d5 E1827
	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane
	1,1-Dichloroethene-d2 E1829
	cis-1,2-Dichloroethene, trans-1,2-Dichloroethene
DMC/Surrogate	**VOA_LOW_MED**
VDSS4	The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Chloroethane-d5 E1840
	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane

Data Review Results

Detection Limit

Detection Limit	**VOA_LOW_MED**
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. E1821, E1822, E1822DL, E1824, E1826DL, E1827, E1828, E1828DL, E1829, E1829DL, E1830, E1832, E1833, E1834, E1835, E1844, E1844DL, E1868, E1869, E1870, E1870DL, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	Tetrachloroethene E1824, E1828, E1844DL
	cis-1,2-Dichloroethene E1821, E1824, E1828DL, E1869
	trans-1,2-Dichloroethene E1822, E1828DL, E1832, E1833, E1844, E1868, E1870DL
	1,1,1-Trichloroethane E1822DL, E1824, E1826DL, E1844DL
	Methylene chloride E1821, E1822, E1827, E1835, E1844, E1870, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,1-Dichloroethane E1822DL, E1824, E1829DL, E1844DL
	Trichlorofluoromethane E1829
	2-Butanone VBLKGK **1,1,2-Trichloroethane** E1829 **Trichloroethene** E1830, E1834, E1835

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1821 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43445 **SOW** SOM01.2

Data Review Results

Initial Calibration

Initial Calibration	**VOA_LOW_MED**
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	VBLK45, VHBLK01
	Bromomethane VSTD00545

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1821 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43445 **SOW** SOM01.2

Data Review Results

Matrix Spikes

Matrix Spikes	**VOA_LOW_MED**
VMS3	The following volatile matrix spike/matrix spike duplicate samples have percent recovery greater than the upper acceptance criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. **Trichloroethene** E1831MS, E1831MSD

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PNUMber of Soil Samples : 0
Lab. : A4 Number of Water Samples : 19
Reviewer : Number of Sediment Samples : 0
Date :

Sample Number :	E1821		E1822		E1822DL		E1824		E1826	
Sampling Location :	B-MW-034S		B-MW-035S		B-MW-035S		B-MW-037S		B-MW-039S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007				7/18/2007		7/18/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Vinyl chloride	8.4		5.0	U	25	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-t	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Acetone	10	U	10	U	50	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	25	U	5.0	U	12	
trans-1,2-Dichloroethe	5.0	U	2.4	J	25	U	5.0	U	8.5	
Methyl tert-butyl ether	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	19		22	J	1.0	J	7.7	
cis-1,2-Dichloroethene	1.3	J	82		96		2.2	J	190	
2-Butanone	10	U	10	U	50	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	16		16	J	2.7	J	26	
Cyclohexane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dioxane	100	U	100	U	500	U	100	U	100	U
Trichloroethene	35		370		440		23		530	
Methylcyclohexane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	25	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	50	U	10	U	10	U
Toluene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	25	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1821		E1822		E1822DL		E1824		E1826	
Sampling Location :	B-MW-034S		B-MW-035S		B-MW-035S		B-MW-037S		B-MW-039S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007				7/18/2007		7/18/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.5		25	U	2.3	J	5.0	U
2-Hexanone	10	U	10	U	50	U	10	U	10	U
Dibromochloromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	25	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1826DL		E1827		E1828		E1828DL		E1829	
Sampling Location :	B-MW-039S		B-MW-040S		B-MWA-004		B-MWA-004		B-MWA-006	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/18/2007		7/17/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	50	U	5.0	U	5.0	U	25	U	5.0	U
Chloromethane	50	U	5.0	U	5.0	U	25	U	5.0	U
Vinyl chloride	50	U	5.0	U	5.0	U	25	U	5.0	U
Bromomethane	50	U	5.0	U	5.0	U	25	U	5.0	U
Chloroethane	50	U	5.0	U	5.0	U	25	U	5.0	U
Trichlorofluoromethan	50	U	5.0	U	5.0	U	25	U	1.8	J
1,1-Dichloroethene	50	U	5.0	UJ	5.0	U	25	U	480	
1,1,2-Trichloro-1,2,2-t	50	U	5.0	U	5.0	U	25	U	5.0	U
Acetone	100	U	10	U	10	U	50	U	10	U
Carbon Disulfide	50	U	5.0	U	5.0	U	25	U	5.0	U
Methyl acetate	50	U	5.0	U	5.0	U	25	U	5.0	U
Methylene chloride	50	U	5.0	U	12		56		5.0	U
trans-1,2-Dichloroethe	50	U	5.0	U	8.6		10	J	44	J
Methyl tert-butyl ether	50	U	5.0	U	5.0	U	25	U	5.0	U
1,1-Dichloroethane	50	U	5.0	U	5.0	U	25	U	130	
cis-1,2-Dichloroethene	200		5.0	U	16		21	J	1200	J
2-Butanone	100	U	10	U	10	U	50	U	10	U
Bromochloromethane	50	U	5.0	U	5.0	U	25	U	5.0	U
Chloroform	50	U	5.0	U	5.0	U	25	U	6.4	
1,1,1-Trichloroethane	21	J	5.0	U	5.0	U	25	U	760	
Cyclohexane	50	U	5.0	U	5.0	U	25	U	5.0	U
Carbon tetrachloride	50	U	5.0	U	5.0	U	25	U	5.0	U
Benzene	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichloroethane	50	U	5.0	U	5.0	U	25	U	5.0	U
1,4-Dioxane	1000	U	100	U	100	U	500	U	100	U
Trichloroethene	530		5.0	U	450		680		4700	
Methylcyclohexane	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichloropropane	50	U	5.0	U	5.0	U	25	U	5.0	U
Bromodichloromethan	50	U	5.0	U	5.0	U	25	U	5.0	U
cis-1,3-Dichloroproper	50	U	5.0	U	5.0	U	25	U	5.0	U
4-Methyl-2-pentanone	100	U	10	U	10	U	50	U	10	U
Toluene	50	U	5.0	U	5.0	U	25	U	5.0	U
trans-1,3-Dichloroprop	50	U	5.0	U	5.0	U	25	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1826DL		E1827		E1828		E1828DL		E1829	
Sampling Location :	B-MW-039S		B-MW-040S		B-MWA-004		B-MWA-004		B-MWA-006	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/18/2007		7/17/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	50	U	5.0	U	5.0	U	25	U	4.8	J
Tetrachloroethene	50	U	5.0	U	1.8	J	25	U	5.0	U
2-Hexanone	100	U	10	U	10	U	50	U	10	U
Dibromochloromethan	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dibromoethane	50	U	5.0	U	5.0	U	25	U	5.0	U
Chlorobenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
Ethylbenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
o-Xylene	50	U	5.0	U	5.0	U	25	U	5.0	U
m,p-Xylene	50	U	5.0	U	5.0	U	25	U	5.0	U
Styrene	50	U	5.0	U	5.0	U	25	U	5.0	U
Bromoform	50	U	5.0	U	5.0	U	25	U	5.0	U
Isopropylbenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
1,1,2,2-Tetrachloroeth	50	U	5.0	U	5.0	U	25	U	5.0	U
1,3-Dichlorobenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
1,4-Dichlorobenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dichlorobenzene	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2-Dibromo-3-chloro	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2,4-Trichlorobenzen	50	U	5.0	U	5.0	U	25	U	5.0	U
1,2,3-Trichlorobenzen	50	U	5.0	U	5.0	U	25	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1829DL		E1830		E1831		E1831MS		E1831MSD	
Sampling Location :	B-MWA-006		B-MWB-004		B-MWC-001		B-MWC-001		B-MWC-001	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/17/2007		7/17/2007					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2		2		2	
Dilution Factor :	50.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethan	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	250	U	5.0	U	5.0	U	50		54	
1,1,2-Trichloro-1,2,2-t	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	500	U	10	U	10	U	10	U	10	U
Carbon Disulfide	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	250	U	5.0	U	5.0	U	14		14	
trans-1,2-Dichloroethe	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	140	J	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	1500		5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	500	U	10	U	10	U	10	U	10	U
Bromochloromethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	700		5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	250	U	5.0	U	5.0	U	62		62	
1,2-Dichloroethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	5000	U	100	U	100	U	100	U	100	U
Trichloroethene	8100		4.1	J	5.0	U	61	J	62	J
Methylcyclohexane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethan	250	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	250	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	500	U	10	U	10	U	10	U	10	U
Toluene	250	U	5.0	U	5.0	U	60		60	
trans-1,3-Dichloroprop	250	U	5.0	U	5.0	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1829DL		E1830		E1831		E1831MS		E1831MSD	
Sampling Location :	B-MWA-006		B-MWB-004		B-MWC-001		B-MWC-001		B-MWC-001	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/17/2007		7/17/2007					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2		2		2	
Dilution Factor :	50.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	500	U	10	U	10	U	10	U	10	U
Dibromochloromethan	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	250	U	5.0	U	5.0	U	58		59	
Ethylbenzene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	250	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	250	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	250	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1832		E1833		E1834		E1835		E1840	
Sampling Location :	B-MWET-04S		B-MWET-03S		B-MWET-05S		B-PZ-022I		TRIP BLANK-1	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007		7/17/2007		7/17/2007		7/17/2007		7/13/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Trichlorofluoromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-t	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethe	2.2	J	1.2	J	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	11		14		5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	40		51		5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	30		82		5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	U	100	U	100	U	100	U	100	U
Trichloroethene	28		41		2.3	J	4.8	J	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1832		E1833		E1834		E1835		E1840	
Sampling Location :	B-MWET-04S		B-MWET-03S		B-MWET-05S		B-PZ-022I		TRIP BLANK-1	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007		7/17/2007		7/17/2007		7/17/2007		7/13/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	150		5.2		5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1843		E1844		E1844DL		E1868		E1869	
Sampling Location :	B-MW-D100		B-MW-D101		B-MW-D101		Mikesells		AC-3	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007				7/16/2007		7/16/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	UJ	25	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-tr	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Acetone	10	U	10	U	50	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	25	U	5.0	U	5.0	U
trans-1,2-Dichloroethe	5.0	U	2.8	J	25	U	1.7	J	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	22		23	J	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	94		98		23		2.3	J
2-Butanone	10	U	10	U	50	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	25	U	5.0	U	6.6	
1,1,1-Trichloroethane	5.0	U	18		16	J	5.0	U	13	
Cyclohexane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dioxane	100	U	100	U	500	U	100	U	100	U
Trichloroethene	5.0	U	430		440		28		26	
Methylcyclohexane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	25	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	50	U	10	U	10	U
Toluene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	25	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1843		E1844		E1844DL		E1868		E1869	
Sampling Location :	B-MW-D100		B-MW-D101		B-MW-D101		Mikesells		AC-3	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007				7/16/2007		7/16/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.9		5.4	J	5.0	U	16	
2-Hexanone	10	U	10	U	50	U	10	U	10	U
Dibromochloromethan	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromo-3-chloro	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	25	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1870		E1870DL		VBLK35		VBLK45		VBLKGI	
Sampling Location :	AC-4		AC-4							
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/16/2007									
Time Sampled :										
%Moisture :	N/A		N/A		0		0		0	
pH :	2		2							
Dilution Factor :	1.0		2.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	35	J	10	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-tr	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	20	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	10	U	1.5	J	1.4	J	5.0	U
trans-1,2-Dichloroethe	11		8.9	J	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	20		16		5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	100		85		5.0	U	5.0	U	5.0	U
2-Butanone	10	U	20	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	210		150		5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	U	200	U	100	U	100	U	100	U
Trichloroethene	110		84		5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	10	U	5.0	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	10	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	10	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	20	U	10	U	10	U	10	U
Toluene	5.0	U	10	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	10	U	5.0	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLKGK		VBLKGL		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :					2					
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	5.0	U				
Chloromethane	5.0	U	5.0	U	5.0	U				
Vinyl chloride	5.0	U	5.0	U	5.0	U				
Bromomethane	5.0	U	5.0	U	5.0	U				
Chloroethane	5.0	U	5.0	U	5.0	U				
Trichlorofluoromethan	5.0	U	5.0	U	5.0	U				
1,1-Dichloroethene	5.0	UJ	5.0	U	5.0	U				
1,1,2-Trichloro-1,2,2-t	5.0	U	5.0	U	5.0	U				
Acetone	10	U	10	U	10	U				
Carbon Disulfide	5.0	U	5.0	U	5.0	U				
Methyl acetate	5.0	U	5.0	U	5.0	U				
Methylene chloride	1.2	J	1.2	J	1.5	J				
trans-1,2-Dichloroethe	5.0	U	5.0	U	5.0	U				
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U				
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U				
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U				
2-Butanone	4.7	J	10	U	10	U				
Bromochloromethane	5.0	U	5.0	U	5.0	U				
Chloroform	5.0	U	5.0	U	5.0	U				
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U				
Cyclohexane	5.0	U	5.0	U	5.0	U				
Carbon tetrachloride	5.0	U	5.0	U	5.0	U				
Benzene	5.0	U	5.0	U	5.0	U				
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U				
1,4-Dioxane	100	U	100	U	100	U				
Trichloroethene	5.0	U	5.0	U	5.0	U				
Methylcyclohexane	5.0	U	5.0	U	5.0	U				
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U				
Bromodichloromethan	5.0	U	5.0	U	5.0	U				
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U				
4-Methyl-2-pentanone	10	U	10	U	10	U				
Toluene	5.0	U	5.0	U	5.0	U				
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U				

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1821
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLKGK		VBLKGL		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :					2					
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U				
Tetrachloroethene	5.0	U	5.0	U	5.0	U				
2-Hexanone	10	U	10	U	10	U				
Dibromochloromethan	5.0	U	5.0	U	5.0	U				
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U				
Chlorobenzene	5.0	U	5.0	U	5.0	U				
Ethylbenzene	5.0	U	5.0	U	5.0	U				
o-Xylene	5.0	U	5.0	U	5.0	U				
m,p-Xylene	5.0	U	5.0	U	5.0	U				
Styrene	5.0	U	5.0	U	5.0	U				
Bromoform	5.0	U	5.0	U	5.0	U				
Isopropylbenzene	5.0	U	5.0	U	5.0	U				
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U				
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U				
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U				
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U				

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 6 Aug 07

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

We have reviewed the data for the following case:

SITE NAME: Behr Dayton Thermal (OH)

CASE NUMBER: 36627 SDG NUMBER: E1821

Number and Type of Samples: 19 water samples

Sample Numbers: E1821-22; 24; 26-35; 40; 43-44; 68-70

Laboratory: ATSCIENTIFIC, INC. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: E1821-Revised

Laboratory Name: A4 SCIENTIFIC, INC. **Laboratory Code:** A4

Contract No.: EPW05036 **Case No.:** 36627

Analysis Price: $416.00 **SDG Turnaround:** 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E1821	7) E1829	13) E1835	19) E1870
2) E1822	8) E1830	14) E1840	20)
3) E1824	9) E1831	15) E1843	21)
4) E1826	10) E1832	16) E1844	22)
5) E1827	11) E1833	17) E1868	23)
6) E1828	12) E1834	18) E1869	24)

E1821	E1870
First Sample in SDG	Last Sample in SDG
07/19/2007	07/19/2007
First Sample Receipt Date	Last Sample Receipt Date

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order(the order listed above on this form).*

Jessica Schulze
Signature

7-30-07
Date

Organic (10/06)

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1821

L

Date Shipped:	7/18/2007
Carrier Name:	FedEx
Airbill:	848838425614
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 V. [signature]	7/18/07 1820		
2			
3			
4		J. Schulz	7/19/07 858

Sampler Signature:

For Lab Use Only

Lab Contract No:	EPW05036
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	7/19/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1832	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220991 (HCL), 5220992 (HCL), 5220993 (HCL) (3)	B-MWET-04S	S: 7/17/2007	9:40		0008446 - 10 Intact
E1833	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220994 (HCL), 5220995 (HCL), 5220996 (HCL) (3)	B-MWET-03S	S: 7/17/2007	12:03		- 11
E1834	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220997 (HCL), 5220998 (HCL), 5220999 (HCL) (3)	B-MWET-05S	S: 7/17/2007	9:30		- 12
E1835	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5221000 (HCL), 5221001 (HCL), 5221002 (HCL) (3)	B-PZ-022I	S: 7/17/2007	12:25		- 13
E1840	Field QC/ Victoria Sigler	L/G	VOA (21)	5221021 (HCL), 5221022 (HCL), 5221023 (HCL) (3)	TRIP BLANK-1	S: 7/13/2007	12:00		- 14
E1843	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5221027 (HCL), 5221028 (HCL), 5221029 (HCL) (3)	B-MW-D100	S: 7/18/2007	16:58		- 15
E1844	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5221030 (HCL), 5221031 (HCL), 5221032 (HCL) (3)	B-MW-D101	S: 7/18/2007	15:50		- 16
E1868	Industrial Well/ Victoria Sigler	L/G	VOA (21)	5220864 (HCL), 5220865 (HCL), 5220866 (HCL) (3)	Mikesells	S: 7/16/2007	11:00		- 17
E1869	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220472 (HCL), 5220473 (HCL), 5220474 (HCL) (3)	AC-3	S: 7/16/2007	11:00		- 18
E1870	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220475 (HCL), 5220476 (HCL), 5220477 (HCL) (3)	AC-4	S: 7/16/2007	14:35		- 19

SDG last st

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: E1800, E1809, E1831	Additional Sampler Signature(s): [signature] 7/19/07	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: 29453-54
Analysis Key: VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TR Number: 5-043013577-071807-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1821

L

Date Shipped:	7/18/2007
Carrier Name:	FedEx
Airbill:	848838425614
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 USB	7/18/07 1820		
2			
3			
4		[signature]	7/19/07 858

Sampler Signature:

For Lab Use Only

Lab Contract No: EPW05036
Unit Price: Ø
Transfer To:
Lab Contract No:
Unit Price: 7/19/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1821	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220958 (HCL), 5220959 (HCL), 5220960 (HCL) (3)	B-MW-034S	S: 7/18/2007	14:35	1st 5p 0008446-01	Intact
E1822	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220961 (HCL), 5220962 (HCL), 5220963 (HCL) (3)	B-MW-035S	S: 7/18/2007	15:50	-02	
E1824	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220967 (HCL), 5220968 (HCL), 5220969 (HCL) (3)	B-MW-037S	S: 7/18/2007	17:45	-03	
E1826	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220973 (HCL), 5220974 (HCL), 5220975 (HCL) (3)	B-MW-039S	S: 7/18/2007	9:38	-04	
E1827	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220976 (HCL), 5220977 (HCL), 5220978 (HCL) (3)	B-MW-040S	S: 7/18/2007	15:12	-05	
E1828	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220979 (HCL), 5220980 (HCL), 5220981 (HCL) (3)	B-MWA-004	S: 7/17/2007	16:43	-06	
E1829	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220982 (HCL), 5220983 (HCL), 5220984 (HCL) (3)	B-MWA-006	S: 7/17/2007	17:20	-07	
E1830	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220985 (HCL), 5220986 (HCL), 5220987 (HCL) (3)	B-MWB-004	S: 7/17/2007	11:10	-08	
E1831	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220988 (HCL), 5220989 (HCL), 5220990 (HCL), 5221045 (HCL), 5221046 (HCL), 5221047 (HCL), 5221048 (HCL), 5221049 (HCL), 5221050 (HCL) (9)	B-MWC-001	S: 7/17/2007	14:40	-09	

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E1800, E1809, E1831	7/19/07	4°C	29453 - 54

Analysis Key: VOA = CLP TCL Volatiles

Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G

Custody Seal Intact? Y Shipment Iced? Y

TR Number: 5-043013577-071807-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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PAGE: 00007

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1821

SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	MATRIX	REMARKS
E1821	0008446-01	07/18/07 08:58	848838425614	VOA	3	WATER	SDG FIRST SX
E1822	0008446-02	07/18/07 08:58	848838425614	VOA	3	WATER	
E1824	0008446-03	07/18/07 08:58	848838425614	VOA	3	WATER	
E1826	0008446-04	07/18/07 08:58	848838425614	VOA	3	WATER	
E1827	0008446-05	07/18/07 08:58	848838425614	VOA	3	WATER	
E1828	0008446-06	07/18/07 08:58	848838425614	VOA	3	WATER	
E1829	0008446-07	07/18/07 08:58	848838425614	VOA	3	WATER	
E1830	0008446-08	07/18/07 08:58	848838425614	VOA	3	WATER	
E1831	0008446-09	07/18/07 08:58	848838425614	VOA	3	WATER	MS/MSD
E1832	0008446-10	07/18/07 08:58	848838425614	VOA	3	WATER	
E1833	0008446-11	07/18/07 08:58	848838425614	VOA	3	WATER	
E1834	0008446-12	07/18/07 08:58	848838425614	VOA	3	WATER	
E1835	0008446-13	07/18/07 08:58	848838425614	VOA	3	WATER	
E1840	0008446-14	07/18/07 08:58	848838425614	VOA	3	WATER	FIELD QC
E1843	0008446-15	07/18/07 08:58	848838425614	VOA	3	WATER	
E1844	0008446-16	07/18/07 08:58	848838425614	VOA	3	WATER	
E1868	0008446-17	07/18/07 08:58	848838425614	VOA	3	WATER	
E1869	0008446-18	07/18/07 08:58	848838425614	VOA	3	WATER	
E1870	0008446-19	07/18/07 08:58	848838425614	VOA	3	WATER	SDG LAST SX

VOA=CLP TCL Volatiles

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)
07/19/07	1	4

No discrepancies or issues were noted during sample receipt and login.

VOLATILES LOW/MEDIUM

Samples were analyzed using instrument **C-5973 and H-5975**.

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, an OI Analytical Purge and Trap model 4560 with an Archon auto sampler. The trap used is a K trap (Supelco Cat# 24940-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

Instrument H-5975 consisted of an Agilent 5975 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, Tekmar Purge and Trap Model LSC2000 with an Archon auto sampler. The trap used was

a K trap (Supelco Cat# 21066-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

MS/MSD was performed on sample E1831. Recoveries were noted to be within limits except for Trichloroethene, which was border line in MS and MSD.

All VOA samples had the pH characteristics verified. The reading is listed below.

EPA SAMPLE #	LAB SAMPLE #	pH
E1821	0008446-01	≤ 2
E1822	0008446-02	≤ 2
E1824	0008446-03	≤ 2
E1826	0008446-04	≤ 2
E1827	0008446-05	≤ 2
E1828	0008446-06	≤ 2
E1829	0008446-07	≤ 2
E1830	0008446-08	≤ 2
E1831	0008446-09	≤ 2
E1832	0008446-10	≤ 2
E1833	0008446-11	≤ 2
E1834	0008446-12	≤ 2
E1835	0008446-13	≤ 2
E1840	0008446-14	≤ 2
E1843	0008446-15	≤ 2
E1844	0008446-16	≤ 2
E1868	0008446-17	≤ 2
E1869	0008446-18	≤ 2
E1870	0008446-19	≤ 2

The following samples were run at dilution, listed against them to get all the compounds within range.

EPA SAMPLE ID	DILUTION
E1822DL	5
E1826DL	10
E1828DL	5
E1829DL	50
E1844DL	5
E1870DL	2

Manual integrations were performed for the following samples for the compounds listed against them.

VSTD20030 – Bromomethane
VSTD200GF – Trichlorofluoromethane
VSTD200GF – trans-1,2-Dichloroethane
VSTD200GF – 4-Methym 2-pentanone
VSTD200GF – 1,4-Dichlorobenzene
VSTD100GF – Bromomethane
VSTD100GF – Trichlorofluoromethane
VSTD100GF – trans-1,2-Dichloroethane
VSTD100GF – 1,4-Dichlorobenzene

Contract #: EPW05036	Case #: 36627	SDG #: E1821

VSTD020GF – 1,1-Dichloroethane
VSTD020GF – 1,1,2,2-tetrachloroethane
VSTD020GF – 1,3-Dichlorobenzene
VSTD020GF – 1,4-Dichlorobenzene
VSTD020GF – 1,2-Dichlorobenzene
VSTD020GF – 1,2,3-Trichlorobenzene

These manual integrations were necessary because the software failed to accurately integrate the entire peak. In all the above instances, the quantitation reports are flagged with "m". A hard copy printout of the manual integration, the scan ranges, and initials of the analyst or manager is included in the data package.

No issues were noted during sample analysis.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu g/L) = \frac{(Ax)(Is)(Df)}{(Ais)(\overline{RRF})(Vo)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.
A_{is} = Area of the characteristic ion (EICP) for the internal standard.
I_s = Amount of internal standard added in nanograms (ng).

$\overline{RRF}$ = Mean relative response factor from the initial calibration.
V_o = Total volume of water purged, in milliliters (mL).
Df = Dilution factor.

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

QA Mgr

Signature and Title

08/04/07

Date of Signature

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	E1821	98	125	77	74	92	96	99
02	E1822	91	112	74	99	95	99	99
03	E1822DL	99	124	81	87	99	99	100
04	E1824	93	118	75	87	94	96	98
05	E1826	103	129	86	89	103	106	103
06	E1826DL	89	112	77	85	101	102	103
07	E1827	107	138 *	87	103	109	110	104
08	E1828	103	124	82	110	106	111	104
09	E1828DL	89	102	74	96	101	101	108
10	E1829	92	116	320 *	90	95	97	99
11	E1829DL	79	92	70	99	101	101	105
12	E1830	82	101	66	98	95	97	94
13	E1831	84	106	67	93	93	96	94
14	E1831MS	83	95	95	96	100	99	106
15	E1831MSD	86	99	98	91	101	102	106
16	E1832	100	127	82	91	102	104	104
17	E1833	98	125	86	81	95	97	98
18	E1834	93	114	75	87	93	93	95
19	E1835	97	121	80	101	102	104	99
20	E1840	83	51 *	68	95	97	103	103
21	E1843	98	125	81	87	100	100	98
22	E1844	83	108	70	79	95	97	94
23	E1844DL	102	127	85	102	108	108	105
24	E1868	98	124	81	83	100	98	100
25	E1869	87	118	76	89	99	101	98
26	E1870	98	124	98	82	99	100	103
27	E1870DL	98	126	86	86	101	100	100
28	VBLK35	89	100	74	101	101	100	104
29	VBLK45	109	109	82	93	100	93	106
30	VBLKGI	104	126	77	93	94	100	98

		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLKGK	95	120	75	103	97	99	97
02	VBLKGL	93	111	75	94	94	96	96
03	VHBLK01	95	101	74	95	98	96	109
04	VIBLK85	96	120	75	96	97	101	100
05	VIBLK86	94	115	75	97	96	100	102
06	VIBLK87	111	130	86	96	104	105	102
07	VIBLK88	84	107	69	89	95	98	98
08	VIBLK89	101	130	82	90	102	103	101
09	VIBLK90	95	121	78	81	99	97	103
10	VIBLK91	84	107	66	104	99	100	93
11								
12								
13								
14								
15								
16								
17								
18								
19								
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21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	E1821	90	101	95	69	78	75	102	0
02	E1822	94	102	101	100	96	89	110	0
03	E1822DL	90	101	94	76	101	89	109	0
04	E1824	91	100	95	80	86	82	110	0
05	E1826	97	105	101	80	90	85	111	0
06	E1826DL	95	105	99	74	90	86	113	0
07	E1827	97	108	102	89	102	93	117	1
08	E1828	98	105	107	107	104	97	112	0
09	E1828DL	112	112	93	92	100	105	119	0
10	E1829	90	100	99	89	89	85	108	1
11	E1829DL	114	106	95	99	99	107	112	0
12	E1830	89	94	96	91	96	88	109	0
13	E1831	89	94	95	85	100	89	109	0
14	E1831MS	110	108	91	97	96	105	115	0
15	E1831MSD	108	109	91	87	99	103	112	0
16	E1832	97	105	99	93	92	87	113	0
17	E1833	89	99	92	75	90	83	111	0
18	E1834	88	98	92	79	98	88	108	0
19	E1835	91	101	98	89	114	94	112	0
20	E1840	95	104	103	102	78	87	101	1
21	E1843	89	101	92	70	95	85	113	0
22	E1844	89	95	92	72	83	81	109	0
23	E1844DL	97	109	102	93	113	97	114	0
24	E1868	92	103	94	70	89	85	108	0
25	E1869	90	100	94	80	90	87	110	0
26	E1870	93	104	98	71	94	83	107	0
27	E1870DL	93	103	94	74	99	86	116	0
28	VBLK35	107	109	97	97	104	104	116	0
29	VBLK45	104	110	90	89	73	92	111	0
30	VBLKGI	90	99	98	88	94	88	110	0

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
31	VBLKGK	91	99	99	93	102	96	111	0
32	VBLKGL	90	98	96	88	96	88	114	0
33	VHBLK01	112	106	85	95	93	99	111	0
34	VIBLK85	94	103	102	89	119	89	110	0
35	VIBLK86	93	103	101	93	90	89	111	0
36	VIBLK87	94	104	98	87	104	89	111	0
37	VIBLK88	90	99	96	79	87	86	112	0
38	VIBLK89	93	105	98	78	100	89	116	0
39	VIBLK90	92	106	95	71	83	83	109	0
40	VIBLK91	89	95	98	87	108	97	117	0
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix Spike - EPA Sample No.: E1831 Level: (TRACE or LOW) LOW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	50	101	61-145
Benzene	50	0.0	62	125	76-127
Trichloroethene	50	0.0	61	122 *	71-120
Toluene	50	0.0	60	120	76-125
Chlorobenzene	50	0.0	58	116	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	54	108	7	0-14	61-145
Benzene	50	62	124	1	0-11	76-127
Trichloroethene	50	62	124 *	1	0-14	71-120
Toluene	50	60	121	0	0-13	76-125
Chlorobenzene	50	59	117	1	0-13	75-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 2 out of 10 outside limits

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGI

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Lab File ID: H1368.D Lab Sample ID: 7070037-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/24/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0852

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1821	0008446-01	H1369.D	0921
02	E1822	0008446-02	H1370.D	0948
03	E1824	0008446-03	H1372.D	1046
04	E1826	0008446-04	H1373.D	1113
05	E1828	0008446-06	H1376.D	1239
06	E1829	0008446-07	H1378.D	1335
07	E1830	0008446-08	H1380.D	1440
08	E1831	0008446-09	H1381.D	1506
09	E1832	0008446-10	H1382.D	1533
10	E1833	0008446-11	H1383.D	1600
11	E1840	0008446-14	H1374.D	1142
12	VIBLK85	7070037-CCB1	H1371.D	1018
13	VIBLK86	7070037-CCB2	H1377.D	1308
14	VIBLK87	7070037-CCB3	H1379.D	1413
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Lab File ID: H1403.D Lab Sample ID: 7070053-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0920

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1827	0008446-05	H1405.D	1020
02	E1844	0008446-16	H1412.D	1349
03	E1870	0008446-19	H1414.D	1443
04	VIBLK88	7070053-CCB1	H1409.D	1222
05	VIBLK89	7070053-CCB2	H1411.D	1322
06	VIBLK90	7070053-CCB3	H1413.D	1416
07	VIBLK91	7070053-CCB4	H1415.D	1509
08				
09				
10				
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Lab File ID: H1419.D Lab Sample ID: 7070061-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1658

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1822DL	0008446-02RE1	H1425.D	1938
02	E1826DL	0008446-04RE1	H1426.D	2004
03	E1834	0008446-12	H1420.D	1724
04	E1835	0008446-13	H1421.D	1751
05	E1843	0008446-15	H1422.D	1818
06	E1844DL	0008446-16RE1	H1427.D	2031
07	E1868	0008446-17	H1423.D	1844
08	E1869	0008446-18	H1424.D	1911
09	E1870DL	0008446-19RE1	H1428.D	2058
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1821

Lab File ID: C1311.D Lab Sample ID: 7070071-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/30/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1131

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	0008446-20	C1325.D	1733
02				
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COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1821

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1369.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	8.4	
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.7	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.3	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1821

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1369.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	35	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1821

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1369.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1822

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1370.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.1	J
156-60-5	trans-1,2-Dichloroethene	2.4	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	19	
156-59-2	cis-1,2-Dichloroethene	82	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	16	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1822

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1370.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	370	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.5	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1822

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1370.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1822DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1425.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	27	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	22	JD
156-59-2	cis-1,2-Dichloroethene	96	D
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	16	JD
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1822DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1425.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	440	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1822DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1425.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1824

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1372.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.9	
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	1.0	J
156-59-2	cis-1,2-Dichloroethene	2.2	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	2.7	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1824

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1372.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	23	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	2.3	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1824

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1372.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1826

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1373.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	12	
156-60-5	trans-1,2-Dichloroethene	8.5	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	7.7	
156-59-2	cis-1,2-Dichloroethene	190	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	26	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1826

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1373.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	530	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1826

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1373.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1826DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1426.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	50	U
79-20-9	Methyl acetate	50	U
75-09-2	Methylene chloride	55	BD
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	200	D
78-93-3	2-Butanone	100	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	21	JD
110-82-7	Cyclohexane	50	U
56-23-5	Carbon tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
123-91-1	1,4-Dioxane	1000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1826DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1426.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	530	D
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
95-47-6	o-Xylene	50	U
179601-23-1	m,p-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1826DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1426.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1827

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1405.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.1	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1827

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1405.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1827

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1405.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1828

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1376.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	12	
156-60-5	trans-1,2-Dichloroethene	8.6	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	16	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1828

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1376.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	450	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	1.8	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1828

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1376.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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07					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1828DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1188.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	56	BD
156-60-5	trans-1,2-Dichloroethene	10	JD
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	21	JD
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1828DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1188.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	680	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1828DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1188.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1829

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1378.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	1.8	J
75-35-4	1,1-Dichloroethene	480	E
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	8.6	
156-60-5	trans-1,2-Dichloroethene	44	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	130	
156-59-2	cis-1,2-Dichloroethene	1200	E
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	6.4	
71-55-6	1,1,1-Trichloroethane	760	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1829

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1378.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	4700	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	4.8	J
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1829

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1378.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1829DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1189.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	480	BD
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	250	U
75-34-3	1,1-Dichloroethane	140	JD
156-59-2	cis-1,2-Dichloroethene	1500	D
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	700	D
110-82-7	Cyclohexane	250	U
56-23-5	Carbon tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
123-91-1	1,4-Dioxane	5000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1829DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1189.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	8100	D
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
95-47-6	o-Xylene	250	U
179601-23-1	m,p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1829DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1189.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1830

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1380.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	8.9	
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1830

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1380.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	4.1	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1830

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1380.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
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12					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1831

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1381.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.5	
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1831

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1381.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1831

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1381.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1831MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1191.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	50	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	14	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	62	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1831MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1191.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	61	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	60	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	58	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1831MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1192.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	54	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	14	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	62	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1831MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1192.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	62	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	60	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	59	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1832

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1382.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.4	
156-60-5	trans-1,2-Dichloroethene	2.2	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	11	
156-59-2	cis-1,2-Dichloroethene	40	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	30	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1832

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1382.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	28	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	150	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1832

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1382.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1833

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1383.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.3	
156-60-5	trans-1,2-Dichloroethene	1.2	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	14	
156-59-2	cis-1,2-Dichloroethene	51	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	82	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1833

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1383.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	41	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.2	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1833

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1383.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1834

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1420.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.6	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1834

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1420.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	2.3	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1834

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1420.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1835

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-13

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1421.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1835

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-13

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1421.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	4.8	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1835

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-13

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1421.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1840

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-14

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1374.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1840

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-14

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1374.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1840

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-14

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1374.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1843

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-15

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1422.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.9	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1843

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-15

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1422.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1843

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-15

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1422.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1844

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1412.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.7	JB
156-60-5	trans-1,2-Dichloroethene	2.8	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	22	
156-59-2	cis-1,2-Dichloroethene	94	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	18	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1844

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1412.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	430	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.9	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1844

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1412.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1844DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1427.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	28	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	23	JD
156-59-2	cis-1,2-Dichloroethene	98	D
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	16	JD
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1844DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1427.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	440	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	5.4	JD
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1844DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-16RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1427.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
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10					
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22					
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24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1868

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-17

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1423.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.4	B
156-60-5	trans-1,2-Dichloroethene	1.7	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	23	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1868

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-17

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1423.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	28	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1868

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-17

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1423.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1869

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-18

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1424.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.6	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.3	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	6.6	
71-55-6	1,1,1-Trichloroethane	13	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1869

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1821

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008446-18

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1424.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	26	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	16	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

ESAT Controlled Number: ESAT5.05.00185-pdj 13Aug07

DATE: August 13, 2007

Ohio EPA Field Office
ATTN: **Mr. Jeff Wander**
4675 Homer Ohio Lane
Groveport, OH 43125

SITE NAME: Behr Dayton Thermal (OH)

CASE	LAB	SAMPLES	SDG	MATRIX
36627	A4 Scientific	19	E1809	water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

PLEASE! Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Sylvia Griffin
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 – **TechLaw Inc.**

Controlled Document

ESAT5.04.00105

ACH 8-13-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: **Electronic (Level 2) Review of Data**

Received for Review on: August 3, 2007

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

THE FOLLOWING DATA HAS BEEN ELECTRONICALLY REVIEWED BY CADRE. NO REVIEW OF THE RAW DATA, LABORATORY NARRATIVE, LABORATORY FORMS OR CHAIN-OF-CUSTODY FORMS WAS PERFORMED.

SITE Name: Behr Dayton Thermal (OH)

Case Number: 36627 SDG Number: E1809

Number and Type of Samples: 19 Waters (Volatiles)

Sample Numbers: E1809 – E1811, E1815 – E1820, E1845, E1846, E1857 – E1863, E1866

Laboratory: A4 Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1809
Laboratory: A4 Scientific, Inc.

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Nineteen (19) water samples labeled E1809 through E1811, E1815 through E1820, E1845, E1846, E1857 through E1863 and E1866 were collected July 17 - 19, 2007. The lab received the samples July 19 - 20, 2007 in good condition. All samples were analyzed for only the Low Level Volatile lists of organic analytes. All samples were analyzed according to CLP SOW SOM01.1.

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1809
Laboratory: A4 Scientific, Inc.

1. HOLDING TIME

See National Functional Guidelines Report #3.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

See National Functional Guidelines Report #3.

3. CALIBRATION

See National Functional Guidelines Report #3.

4. BLANKS

See National Functional Guidelines Report #3.

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

See National Functional Guidelines Report #3.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

See National Functional Guidelines Report #3.

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as trip blanks, field blanks or field duplicates. Results are not qualified based upon the results of the field duplicates.

8. INTERNAL STANDARDS

See National Functional Guidelines Report #3.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all Volatile, Semivolatile, Pesticide and Aroclor compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

See National Functional Guidelines Report #3.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

None.

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1809
Laboratory: A4 Scientific, Inc.

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

National Functional Guidelines Report # 3

13:49 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Data Review Results

Blanks

Blanks	**VOA_LOW_MED**
VLB11	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrationshave been elevated to the CRQL.
	Methylene chloride E1809, E1809DL, E1809MS, E1809MSD, E1810, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1863, E1866, E1866DL
Blanks	**VOA_LOW_MED**
VLB46	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1809, E1809DL, E1809MS, E1809MSD, E1810, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1863, E1866, E1866DL
Blanks	**VOA_LOW_MED**
VLB55	The following volatile samples have common contaminant analyte concentrations reported greater than or equal to 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1810DL, E1862

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification	**VOA_LOW_MED**
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1809, E1809DL, E1809MS, E1809MSD, E1810, E1810DL, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane VSTD05031, VSTD05032, VSTD05033, VSTD05046, VSTD050GK, VSTD050GL, VSTD050GM
Continuing Calibration Verification	**VOA_LOW_MED**
VC22	The following volatile samples are associated with a CCV in which a DMC did not meet relative response factor(RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1809, E1809DL, E1809MS, E1809MSD, E1810, E1810DL, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane-d8 VSTD05031, VSTD05033, VSTD05046, VSTD050GL, VSTD050GM 1,4-Dioxane
Continuing Calibration Verification	**VOA_LOW_MED**
VC8	The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	E1809MS, E1809MSD, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK32, VBLKGK, VBLKGL
	Ethylbenzene VSTD050GK **Methylcyclohexane** VSTD050GK
	Cyclohexane VSTD050GK
	1,4-Dioxane VSTD050GM
	trans-1,2-Dichloroethene VSTD050GK
	m,p-Xylene VSTD050GK **Carbon tetrachloride** VSTD05032, VSTD050GK **Chloromethane** VSTD050GK
	Chloroethane VSTD05032, VSTD050GK
	Vinyl chloride VSTD050GK
	Methylene chloride VSTD050GK
	Carbon disulfide VSTD050GK **1,1-Dichloroethene** VSTD050GK

National Functional Guidelines Report # 3

13:49 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

	Trichlorofluoromethane VSTD050GK
	Dichlorodifluoromethane VSTD050GK
	1,1,2-Trichloro-1,2,2-trifluoroethane VSTD050GK
	o-Xylene VSTD050GK
	Isopropylbenzene VSTD050GK

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Data Review Results

DMC/Surrogate

DMC/Surrogate	**VOA_LOW_MED**
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	E1858, E1866
	1,4-Dioxane-d8 E1858
	1,4-Dioxane
	1,1-Dichloroethene-d2 E1866
	cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

Data Review Results

Detection Limit

Detection Limit	**VOA_LOW_MED**
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. E1809, E1809MS, E1809MSD, E1810, E1810DL, E1811, E1816, E1816DL, E1817, E1818, E1819, E1820, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1863, E1866, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	Tetrachloroethene E1857, E1858DL, E1860
	cis-1,2-Dichloroethene E1810, E1816DL, E1857, E1860DL, E1863, E1866
	trans-1,2-Dichloroethene E1816, E1858, E1861
	m,p-Xylene E1858
	1,1,1-Trichloroethane E1809, E1809MS, E1809MSD, E1810DL, E1846, E1857, E1859, E1860, E1861, E1863
	Methylene chloride E1809, E1810, E1811, E1816DL, E1817, E1818, E1819, E1820, E1861, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,1-Dichloroethane E1809, E1809MS, E1809MSD, E1816, E1819, E1857, E1858, E1860, E1861DL, E1863, E1866 **2-Butanone** VBLKGK
	Trichloroethene E1809, E1810DL, E1811

Data Review Results

Initial Calibration

Initial Calibration	**VOA_LOW_MED**
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1809, E1809DL, E1809MS, E1809MSD, E1810, E1810DL, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
Initial Calibration	**VOA_LOW_MED**
VC19	The following volatile samples are associated with an initial calibration in which a DMC exceeded percent relative standard deviation (%RSD) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLKGK, VBLKGL
	Chloroethane-d5 VSTD005GF
	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane
	2-Hexanone-d5 VSTD005GF
	2-Hexanone, 4-Methyl-2-pentanone
Initial Calibration	**VOA_LOW_MED**
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1809, E1809DL, E1809MS, E1809MSD, E1810, E1810DL, E1811, E1815, E1816, E1816DL, E1817, E1818, E1819, E1820, E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK30, VBLK32, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane-d8 VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
	1,4-Dioxane
Initial Calibration	**VOA_LOW_MED**
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	E1845, E1846, E1857, E1858, E1858DL, E1859, E1860, E1860DL, E1861, E1861DL, E1862, E1863, E1866, E1866DL, VBLK45, VBLKGK, VBLKGL, VHBLK01
	Bromomethane VSTD00545
	Chloroethane VSTD005GF

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Data Review Results

TIC

TIC	VOA_LOW_MED
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	Unknown-01 E1845, E1860DL, E1861DL
	Unknown-02 E1845, E1860DL, E1861DL

National Functional Guidelines Report # 9

14:01 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1809MS Location=B-MW-015S Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	.	35	ug/L	J
Unknown-02	Unknown-02	.	2800		J

National Functional Guidelines Report # 9

14:01 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1845 Location=B-MW-D102 Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-02	Unknown-02	12.56	7.4	ug/L	J
Unknown-01	Unknown-01	14.31	10		J

National Functional Guidelines Report # 9

14:01 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1860DL Location=No_TR_data Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	1.72	49000	ug/L	JD
Unknown-02	Unknown-02	8.72	53		JD

National Functional Guidelines Report # 9

14:01 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1809 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43325 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1861DL Location=No_TR_data Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	1.72	14000	ug/L	JD
Unknown-02	Unknown-02	8.72	52		JD

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 19
Number of Sediment Samples : 0

Sample Number :	E1809		E1809DL		E1809MS		E1809MSD		E1810	
Sampling Location :	B-MW-015S		B-MW-015S		B-MW-015S		B-MW-015S		B-MW-018S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007								7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		0		0		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	25	U	5.0	UJ	5.0	UJ	5.0	U
Trichlorofluoromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	25	U	52		52		5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	50	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	UJ	25	U	5.0	U	5.0	U	5.0	UJ
trans-1,2-Dichloroethene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	3.1	J	25	U	3.5	J	3.8	J	5.0	U
cis-1,2-Dichloroethene	5.0	U	25	U	5.0	U	5.0	U	3.2	J
2-Butanone	10	U	50	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	3.0	J	25	U	3.5	J	3.5	J	23	
Cyclohexane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	25	U	5.0	UJ	5.0	UJ	5.0	U
Benzene	5.0	U	25	U	56		57		5.0	U
1,2-Dichloroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	500	R	100	R	100	R	100	R
Trichloroethene	1.2	J	25	U	58		59		42	
Methylcyclohexane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	50	U	10	U	10	U	10	U
Toluene	5.0	U	25	U	56		56		5.0	U
trans-1,3-Dichloropropene	5.0	U	25	U	5.0	U	5.0	U	5.0	U

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1809		E1809DL		E1809MS		E1809MSD		E1810	
Sampling Location :	B-MW-015S		B-MW-015S		B-MW-015S		B-MW-015S		B-MW-018S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007								7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		0		0		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	25	U	5.0		5.4		5.0	U
Tetrachloroethene	340		420		390		410		1400	
2-Hexanone	10	U	50	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	25	U	53		54		5.0	U
Ethylbenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	25	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1810DL		E1811		E1815		E1816		E1816DL	
Sampling Location :	B-MW-018S		B-MW-019S		B-MW-027S		B-MW-028S		B-MW-028S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/17/2007		7/18/2007		7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Vinyl chloride	50	U	5.0	U	5.0	U	5.0	U	250	U
Bromomethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloroethane	50	U	5.0	U	5.0	U	5.0	UJ	250	U
Trichlorofluoromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Acetone	100	U	10	U	10	U	10	U	500	U
Carbon Disulfide	50	U	5.0	U	5.0	U	5.0	U	250	U
Methyl acetate	50	U	5.0	U	5.0	U	5.0	U	250	U
Methylene chloride	100		5.0	UJ	5.0	U	5.0	U	250	UJ
trans-1,2-Dichloroethene	50	U	5.0	U	5.0	U	2.8	J	250	U
Methyl tert-butyl ether	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethane	50	U	5.0	U	5.0	U	2.5	J	250	U
cis-1,2-Dichloroethene	50	U	5.0	U	5.0	U	65		87	J
2-Butanone	100	U	10	U	10	U	10	U	500	U
Bromochloromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Chloroform	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,1-Trichloroethane	23	J	5.0	U	5.0	U	22		250	U
Cyclohexane	50	U	5.0	U	5.0	U	5.0	U	250	U
Carbon tetrachloride	50	U	5.0	U	5.0	U	5.0	UJ	250	UJ
Benzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichloroethane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dioxane	1000	R	100	R	100	R	100	R	5000	R
Trichloroethene	45	J	1.1	J	5.0	U	2700		3200	
Methylcyclohexane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichloropropane	50	U	5.0	U	5.0	U	5.0	U	250	U
Bromodichloromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
cis-1,3-Dichloropropene	50	U	5.0	U	5.0	U	5.0	U	250	U
4-Methyl-2-pentanone	100	U	10	U	10	U	10	U	500	U
Toluene	50	U	5.0	U	5.0	U	5.0	U	250	U
trans-1,3-Dichloropropene	50	U	5.0	U	5.0	U	5.0	U	250	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1810DL		E1811		E1815		E1816		E1816DL	
Sampling Location :	B-MW-018S		B-MW-019S		B-MW-027S		B-MW-028S		B-MW-028S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/17/2007		7/18/2007		7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	10.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Tetrachloroethene	1300		5.0	U	5.0	U	5.0	U	250	U
2-Hexanone	100	U	10	U	10	U	10	U	500	U
Dibromochloromethane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromoethane	50	U	5.0	U	5.0	U	5.0	U	250	U
Chlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
Ethylbenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
o-Xylene	50	U	5.0	U	5.0	U	5.0	U	250	U
m,p-Xylene	50	U	5.0	U	5.0	U	5.0	U	250	U
Styrene	50	U	5.0	U	5.0	U	5.0	U	250	U
Bromoform	50	U	5.0	U	5.0	U	5.0	U	250	U
Isopropylbenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,1,2,2-Tetrachloroethane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,3-Dichlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dichlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromo-3-chloropropane	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2,4-Trichlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U
1,2,3-Trichlorobenzene	50	U	5.0	U	5.0	U	5.0	U	250	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1817		E1818		E1819		E1820		E1845	
Sampling Location :	B-MW-030S		B-MW-031S		B-MW-032S		B-MW-033S		B-MW-D102	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007		7/18/2007		7/18/2007		7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	4.3	J	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	12		5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	14		5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R
Trichloroethene	5.0	U	5.0	U	110		5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1817		E1818		E1819		E1820		E1845	
Sampling Location :	B-MW-030S		B-MW-031S		B-MW-032S		B-MW-033S		B-MW-D102	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007		7/18/2007		7/18/2007		7/18/2007		7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	21		5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1846		E1857		E1858		E1858DL		E1859	
Sampling Location :	B-MW-D103		TW-16		TW-3		TW-3		TW-4	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007				7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		10.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Acetone	10	U	10	U	10	U	100	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	3.6	J	50	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,1-Dichloroethane	5.0	U	1.1	J	3.5	J	50	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	1.9	J	5.1		50	U	5.0	U
2-Butanone	10	U	10	U	10	U	100	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Chloroform	7.5		5.0	U	5.0	U	50	U	6.7	
1,1,1-Trichloroethane	1.5	J	4.0	J	7.2		50	U	1.2	J
Cyclohexane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	1000	R	100	R
Trichloroethene	8.9		130		1100		870		8.1	
Methylcyclohexane	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	100	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	50	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1846		E1857		E1858		E1858DL		E1859	
Sampling Location :	B-MW-D103		TW-16		TW-3		TW-3		TW-4	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007				7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		10.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Tetrachloroethene	23		1.6	J	18		12	J	21	
2-Hexanone	10	U	10	U	10	U	100	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	1.3	J	50	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	50	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	UJ	50	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	50	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1860		E1860DL		E1861		E1861DL		E1862	
Sampling Location :	TW-5		TW-5		TW-6		TW-6		TW-7	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007				7/19/2007				7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		10.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Chloromethane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Vinyl chloride	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Bromomethane	5.0	U	50	U	5.0	U	25	U	5.0	U
Chloroethane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Trichlorofluoromethane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
1,1-Dichloroethene	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Acetone	10	U	100	U	10	U	50	U	10	U
Carbon Disulfide	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Methyl acetate	5.0	U	50	U	5.0	U	25	U	5.0	U
Methylene chloride	5.0	UJ	50	U	5.0	UJ	25	U	11	
trans-1,2-Dichloroethene	5.0	UJ	50	U	2.2	J	25	U	5.0	U
Methyl tert-butyl ether	5.0	U	50	U	5.0	U	25	U	5.0	U
1,1-Dichloroethane	2.3	J	50	U	5.2		6.4	J	5.0	U
cis-1,2-Dichloroethene	28		24	J	100		120		5.0	U
2-Butanone	10	U	100	U	10	U	50	U	10	U
Bromochloromethane	5.0	U	50	U	5.0	U	25	U	5.0	U
Chloroform	5.0	U	50	U	5.0	U	25	U	5.0	U
1,1,1-Trichloroethane	4.1	J	50	U	3.4	J	25	U	5.0	U
Cyclohexane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Carbon tetrachloride	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Benzene	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2-Dichloroethane	5.0	U	50	U	5.0	U	25	U	5.0	U
1,4-Dioxane	100	R	1000	R	100	R	500	R	100	R
Trichloroethene	620		550		580		720		5.0	U
Methylcyclohexane	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
1,2-Dichloropropane	5.0	U	50	U	5.0	U	25	U	5.0	U
Bromodichloromethane	5.0	U	50	U	5.0	U	25	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	50	U	5.0	U	25	U	5.0	U
4-Methyl-2-pentanone	10	U	100	U	10	U	50	U	10	U
Toluene	5.0	U	50	U	5.0	U	25	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	50	U	5.0	U	25	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1860		E1860DL		E1861		E1861DL		E1862	
Sampling Location :	TW-5		TW-5		TW-6		TW-6		TW-7	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007				7/19/2007				7/19/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		10.0		1.0		5.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	50	U	5.0	U	25	U	5.0	U
Tetrachloroethene	2.5	J	50	U	31		30		5.0	U
2-Hexanone	10	U	100	U	10	U	50	U	10	U
Dibromochloromethane	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2-Dibromoethane	5.0	U	50	U	5.0	U	25	U	5.0	U
Chlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U
Ethylbenzene	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
o-Xylene	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
m,p-Xylene	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
Styrene	5.0	U	50	U	5.0	U	25	U	5.0	U
Bromoform	5.0	U	50	U	5.0	U	25	U	5.0	U
Isopropylbenzene	5.0	UJ	50	U	5.0	UJ	25	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	50	U	5.0	U	25	U	5.0	U
1,3-Dichlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U
1,4-Dichlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2-Dichlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	50	U	5.0	U	25	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1863		E1866		E1866DL		VBLK30		VBLK32	
Sampling Location :	TW-8		MW-67S		MW-67S					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/18/2007							
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Chloromethane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Vinyl chloride	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroethane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	UJ
Trichlorofluoromethane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	UJ	75	J	25	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Acetone	10	U	10	U	50	U	10	U	10	U
Carbon Disulfide	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Methylene chloride	5.0	UJ	5.0	UJ	25	U	1.7	J	2.0	J
trans-1,2-Dichloroethene	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1-Dichloroethane	3.1	J	1.9	J	25	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	3.8	J	3.0	J	25	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	50	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,1,1-Trichloroethane	3.2	J	700		690		5.0	U	5.0	U
Cyclohexane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	UJ
Benzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	500	R	100	R	100	R
Trichloroethene	140		49		50		5.0	U	5.0	U
Methylcyclohexane	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	50	U	10	U	10	U
Toluene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	25	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1863		E1866		E1866DL		VBLK30		VBLK32	
Sampling Location :	TW-8		MW-67S		MW-67S					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/18/2007							
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		5.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Tetrachloroethene	8.7		5.0	U	25	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	50	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Ethylbenzene	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
o-Xylene	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
m,p-Xylene	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	25	U	5.0	U	5.0	U
Isopropylbenzene	5.0	UJ	5.0	UJ	25	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK45		VBLKGK		VBLKGL		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							2			
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	UJ	5.0	U	5.0	U		
Chloromethane	5.0	U	5.0	UJ	5.0	U	5.0	U		
Vinyl chloride	5.0	U	5.0	UJ	5.0	U	5.0	U		
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U		
Chloroethane	5.0	U	5.0	UJ	5.0	U	5.0	U		
Trichlorofluoromethane	5.0	U	5.0	UJ	5.0	U	5.0	U		
1,1-Dichloroethene	5.0	U	5.0	UJ	5.0	U	5.0	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	UJ	5.0	U	5.0	U		
Acetone	10	U	10	U	10	U	10	U		
Carbon Disulfide	5.0	U	5.0	UJ	5.0	U	5.0	U		
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U		
Methylene chloride	1.4	J	1.2	J	1.2	J	1.4	J		
trans-1,2-Dichloroethene	5.0	U	5.0	UJ	5.0	U	5.0	U		
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U		
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U		
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U		
2-Butanone	10	U	4.7	J	10	U	10	U		
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U		
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U		
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U		
Cyclohexane	5.0	U	5.0	UJ	5.0	U	5.0	U		
Carbon tetrachloride	5.0	U	5.0	UJ	5.0	U	5.0	U		
Benzene	5.0	U	5.0	U	5.0	U	5.0	U		
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U		
1,4-Dioxane	100	R	100	R	100	R	100	R		
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U		
Methylcyclohexane	5.0	U	5.0	UJ	5.0	U	5.0	U		
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U		
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U		
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U		
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U		
Toluene	5.0	U	5.0	U	5.0	U	5.0	U		
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U		

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1809
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK45		VBLKGK		VBLKGL		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							2			
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U		
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U		
2-Hexanone	10	U	10	U	10	U	10	U		
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U		
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U		
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		
Ethylbenzene	5.0	U	5.0	UJ	5.0	U	5.0	U		
o-Xylene	5.0	U	5.0	UJ	5.0	U	5.0	U		
m,p-Xylene	5.0	U	5.0	UJ	5.0	U	5.0	U		
Styrene	5.0	U	5.0	U	5.0	U	5.0	U		
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U		
Isopropylbenzene	5.0	U	5.0	UJ	5.0	U	5.0	U		
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U		
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U		
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U		

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 3 Aug 07

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

We have reviewed the data for the following case:

SITE NAME: Behr Dayton Thermal (OH)

CASE NUMBER: 36627 SDG NUMBER: E1809

Number and Type of Samples: 19 water samples

Sample Numbers: E1809-1811; E1815-E1820; E1845-46
E1857-E1863; E1864

Laboratory: AH Scientific, INC. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: E1809

Laboratory Name: A4 SCIENTIFIC, INC. **Laboratory Code:** A4

Contract No.: EPW05036 **Case No.:** 36627

Analysis Price: $416.00 **SDG Turnaround:** 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E1809	7) E1818	13) E1858	19) E1866
2) E1810	8) E1819	14) E1859	20)
3) E1811	9) E1820	15) E1860	21)
4) E1815	10) E1845	16) E1861	22)
5) E1816	11) E1846	17) E1862	23)
6) E1817	12) E1857	18) E1863	24)

E1809	E1866
First Sample in SDG	Last Sample in SDG
07/19/2007	07/20/2007
First Sample Receipt Date	Last Sample Receipt Date

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Jessica Schulze
Signature

7-21-07
Date

Organic (10/06)

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1809

L

Date Shipped:	7/18/2007
Carrier Name:	FedEx
Airbill:	848838425614
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	7/18/07 1820	[signature]	
2			
3			
4		[signature]	7/19/07 858

Sampler Signature:

For Lab Use Only

Lab Contract No:	EPW05037
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	[signature] 7/19/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1809	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220922 (HCL), 5220923 (HCL), 5220924 (HCL), 5221039 (HCL), 5221040 (HCL), 5221041 (HCL), 5221042 (HCL), 5221043 (HCL), 5221044 (HCL) (9)	B-MW-015S	S: 7/17/2007	15:40	1st sdg SX 0008444-01	Intact
E1810	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220925 (HCL), 5220926 (HCL), 5220927 (HCL) (3)	B-MW-018S	S: 7/17/2007	11:05		-02
E1811	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220928 (HCL), 5220929 (HCL), 5220930 (HCL) (3)	B-MW-019S	S: 7/17/2007	10:20		-03
E1815	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220940 (HCL), 5220941 (HCL), 5220942 (HCL) (3)	B-MW-027S	S: 7/18/2007	16:53		-04
E1816	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220943 (HCL), 5220944 (HCL), 5220945 (HCL) (3)	B-MW-028S	S: 7/18/2007	13:08		-05
E1817	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220946 (HCL), 5220947 (HCL), 5220948 (HCL) (3)	B-MW-030S	S: 7/18/2007	10:30		-06
E1818	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220949 (HCL), 5220950 (HCL), 5220951 (HCL) (3)	B-MW-031S	S: 7/18/2007	11:00		-07
E1819	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220952 (HCL), 5220953 (HCL), 5220954 (HCL) (3)	B-MW-032S	S: 7/18/2007	12:15		-08
E1820	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220955 (HCL), 5220956 (HCL), 5220957 (HCL) (3)	B-MW-033S	S: 7/18/2007	13:10		-09

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E1800, E1809, E1831	[signature] 7/19/07	4°C	29453-54

Analysis Key: VOA = CLP TCL Volatiles

Concentration: L = Low, M = Low/Medium, H = High

Type/Designate: Composite = C, Grab = G

Custody Seal Intact? 4 Shipment Iced? 4

TR Number: 5-043013577-071807-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1809
L

Date Shipped:	7/19/2007
Carrier Name:	FedEx
Airbill:	848838425544
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	7/19/07 1630		
2			
3			
4		[signature]	7/20/07 900

Sampler Signature:

For Lab Use Only

Lab Contract No: EPW05036
Unit Price: 0
Transfer To:
Lab Contract No:
Unit Price: 7/20/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1845	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5221033 (HCL), 5221034 (HCL), 5221035 (HCL) (3)	B-MW-D102	S: 7/19/2007	12:48		0008456-01 Intact
E1846	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5221036 (HCL), 5221037 (HCL), 5221038 (HCL) (3)	B-MW-D103	S: 7/19/2007	14:15		-02
E1857	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220843 (HCL), 5220844 (HCL), 5220845 (HCL) (3)	TW-16	S: 7/19/2007	13:15		-03
E1858	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220846 (HCL), 5220847 (HCL), 5220848 (HCL) (3)	TW-3	S: 7/19/2007	8:45		-04
E1859	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220849 (HCL), 5220850 (HCL), 5220851 (HCL) (3)	TW-4	S: 7/19/2007	14:15		-05
E1860	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220852 (HCL), 5220853 (HCL), 5220854 (HCL) (3)	TW-5	S: 7/19/2007	12:15		-06
E1861	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220855 (HCL), 5220856 (HCL), 5220857 (HCL) (3)	TW-6	S: 7/19/2007	11:05		-07
E1862	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220858 (HCL), 5220859 (HCL), 5220860 (HCL) (3)	TW-7	S: 7/19/2007	10:20		-08
E1863	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220861 (HCL), 5220862 (HCL), 5220863 (HCL) (3)	TW-8	S: 7/19/2007	14:50		-09
E1866	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5275996 (HCL), 5275997 (HCL), 5275998 (HCL) (3)	MW-67S	S: 7/18/2007	12:23		-10 sdg & indep

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E1836	[signature] 7/20/07	38	29452; 29493

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G

Custody Seal Intact? Y Shipment Iced? Y

SAS VOA = CLP SAS-TCL Volatiles, VOA = CLP TCL Volatiles

TR Number: 5-043013577-071907-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1809

SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	MATRIX	REMARKS
E1809	0008444-01	7/19/07 08:58	848838425614	VOA	9	WATER	MS/MSD
E1810	0008444-02	7/19/07 08:58	848838425614	VOA	3	WATER	
E1811	0008444-03	7/19/07 08:58	848838425614	VOA	3	WATER	
E1815	0008444-04	7/19/07 08:58	848838425614	VOA	3	WATER	
E1816	0008444-05	7/19/07 08:58	848838425614	VOA	3	WATER	
E1817	0008444-06	7/19/07 08:58	848838425614	VOA	3	WATER	
E1818	0008444-07	7/19/07 08:58	848838425614	VOA	3	WATER	
E1819	0008444-08	7/19/07 08:58	848838425614	VOA	3	WATER	
E1820	0008444-09	7/19/07 08:58	848838425614	VOA	3	WATER	
E1845	0008456-01	7/20/07 09:00	848838425544	VOA	3	WATER	
E1846	0008456-02	7/20/07 09:00	848838425544	VOA	3	WATER	
E1857	0008456-03	7/20/07 09:00	848838425544	VOA	3	WATER	
E1858	0008456-04	7/20/07 09:00	848838425544	VOA	3	WATER	
E1859	0008456-05	7/20/07 09:00	848838425544	VOA	3	WATER	
E1860	0008456-06	7/20/07 09:00	848838425544	VOA	3	WATER	
E1861	0008456-07	7/20/07 09:00	848838425544	VOA	3	WATER	
E1862	0008456-08	7/20/07 09:00	848838425544	VOA	3	WATER	
E1863	0008456-09	7/20/07 09:00	848838425544	VOA	3	WATER	
E1866	0008456-10	7/20/07 09:00	848838425544	VOA	3	WATER	

VOA=CLP TCL Volatiles

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)
7/19/07	1	4
7/20/07	1	3

No other discrepancies or issues were noted during sample receipt and login.

VOLATILES LOW/MEDIUM

Samples were analyzed using instrument **C-5973 and H-5975**.

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, an OI Analytical Purge and Trap model 4560 with an Archon auto sampler. The trap used is a K trap (Supelco Cat# 24940-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

Instrument H-5975 consisted of an Agilent 5975 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, Tekmar Purge and Trap Model LSC2000 with an Archon auto sampler. The trap used was

a K trap (Supelco Cat# 21066-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

All VOA samples had the pH characteristics verified. The reading is listed below.

EPA SAMPLE #	LAB SAMPLE #	pH
E1809	0008444-01	≤ 2
E1810	0008444-02	≤ 2
E1811	0008444-03	≤ 2
E1815	0008444-04	≤ 2
E1816	0008444-05	≤ 2
E1817	0008444-06	≤ 2
E1818	0008444-07	≤ 2
E1819	0008444-08	≤ 2
E1820	0008444-09	≤ 2
E1845	0008456-01	≤ 2
E1846	0008456-02	≤ 2
E1857	0008456-03	≤ 2
E1858	0008456-04	≤ 2
E1859	0008456-05	≤ 2
E1860	0008456-06	≤ 2
E1861	0008456-07	≤ 2
E1862	0008456-08	≤ 2
E1863	0008456-09	≤ 2
E1866	0008456-10	≤ 2

MS/MSD was analyzed on sample E1809. MS and MSD recoveries were noted to be with in limits.

The following samples were run at dilution, listed against them to get all the compounds within range.

EPA SAMPLE ID	DILUTION
E1809	5
E1810	10
E1816	50
E1858	10
E1860	10
E1861	5
E1866	5

Manual integrations were performed for the following samples for the compounds listed against them.

VSTD20030 – Bromomethane
VSTD200GF – Trichlorofluoromethane
VSTD200GF – trans-1,2-Dichloroethane
VSTD200GF – 4-Methym 2-pentanone
VSTD200GF – 1,4-Dichlorobenzene
VSTD100GF – Bromomethane
VSTD100GF – Trichlorofluoromethane
VSTD100GF – trans-1,2-Dichloroethane
VSTD100GF – 1,4-Dichlorobenzene
VSTD020GF – 1,1-Dichloroethane

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1809

VSTD020GF – 1,I,2,2-tetrachloroethane
VSTD020GF – 1,3-Dichlorobenzene
VSTD020GF – 1,4-Dichlorobenzene
VSTD020GF – 1,2-Dichlorobenzene
VSTD020GF – 1,2,3-Trichlorobenzene
VSTD020GF – 1,2,4-Trcihlorobenzene
VSTD010GF – 1,3-Dichlorobenzene
VSTD005GF – Chloroethane-d5
VSTD005GF – Chloroethane
VSTD005GF – 1,4-Dichlorobenzene
VSTD20045 – Bromomethane

These manual integrations were necessary because the software failed to accurately integrate the entire peak. In all the above instances, the quantitation reports are flagged with "m". A hard copy printout of the manual integration, the scan ranges, and initials of the analyst or manager is included in the data package.

No issues were noted during sample analysis.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu g/L) = \frac{(Ax)(Is)(Df)}{(Ais)(\overline{RRF})(Vo)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.
A_{is} = Area of the characteristic ion (EICP) for the internal standard.
I_s = Amount of internal standard added in nanograms (ng).

$\overline{RRF}$ = Mean relative response factor from the initial calibration.
V_o = Total volume of water purged, in milliliters (mL).
Df = Dilution factor.

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

QA Mgr

Signature and Title

08/02/07

Date of Signature

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	E1809	91	96	70	93	90	92	97
02	E1809DL	88	95	68	84	93	92	101
03	E1809MS	90	100	98	86	95	91	99
04	E1809MSD	93	102	100	91	96	92	101
05	E1810	98	99	74	92	93	90	100
06	E1810DL	88	96	67	88	94	95	99
07	E1811	93	98	72	87	90	90	99
08	E1815	80	89	61	100	91	96	92
09	E1816	94	100	75	92	93	91	98
10	E1816DL	90	101	72	116	99	102	98
11	E1817	85	93	69	91	89	92	95
12	E1818	89	100	72	105	93	97	99
13	E1819	83	95	67	118	95	106	93
14	E1820	89	97	70	115	95	102	95
15	E1845	87	113	71	105	102	104	98
16	E1846	89	114	73	86	96	97	96
17	E1857	90	116	74	92	99	101	98
18	E1858	93	120	78	86	99	101	100
19	E1858DL	102	120	82	95	102	102	104
20	E1859	94	117	78	92	99	99	96
21	E1860	92	114	78	93	105	111	108
22	E1860DL	87	114	71	105	99	101	98
23	E1861	96	119	79	83	100	102	103
24	E1861DL	99	124	81	84	104	104	110
25	E1862	92	117	76	91	99	100	101
26	E1863	93	120	76	84	98	99	97
27	E1866	94	117	116 *	101	102	100	101
28	E1866DL	87	112	79	87	97	98	97
29	VBLK30	94	98	72	101	92	95	96
30	VBLK32	96	106	77	105	102	103	102

		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLK45	109	109	82	93	100	93	106
02	VBLKGK	95	120	75	103	97	99	97
03	VBLKGL	93	111	75	94	94	96	96
04	VHBLK01	99	108	77	96	105	103	108
05	VIBLK77	79	90	63	102	92	96	94
06	VIBLK88	84	107	69	89	95	98	98
07	VIBLK89	101	130	82	90	102	103	101
08	VIBLK90	95	121	78	81	99	97	103
09	VIBLK91	84	107	66	104	99	100	93
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		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	E1809	96	98	89	94	81	93	104	0
02	E1809DL	103	101	84	87	79	93	107	0
03	E1809MS	99	102	83	85	81	84	105	0
04	E1809MSD	101	105	81	89	78	89	106	0
05	E1810	101	104	88	98	79	93	104	0
06	E1810DL	102	100	81	92	82	94	106	0
07	E1811	100	103	82	85	81	89	103	0
08	E1815	98	95	86	96	82	99	106	0
09	E1816	101	99	97	83	90	91	99	0
10	E1816DL	101	101	91	110	97	105	105	0
11	E1817	95	98	76	87	88	90	104	0
12	E1818	99	101	85	100	98	101	107	0
13	E1819	100	96	91	110	112	108	107	0
14	E1820	98	99	88	104	97	106	107	0
15	E1845	92	99	101	96	111	94	109	0
16	E1846	89	97	92	81	98	84	110	0
17	E1857	93	100	96	88	96	90	110	0
18	E1858	94	102	97	78	249 *	83	110	1
19	E1858DL	97	104	99	90	104	95	115	0
20	E1859	88	99	93	86	93	88	111	0
21	E1860	100	110	105	79	95	87	112	0
22	E1860DL	95	92	98	98	113	101	112	0
23	E1861	94	105	98	76	87	84	112	0
24	E1861DL	103	109	100	76	99	91	118	0
25	E1862	92	101	94	81	100	89	114	0
26	E1863	91	99	93	75	78	84	107	0
27	E1866	93	104	101	90	102	94	113	1
28	E1866DL	91	99	92	80	98	92	110	0
29	VBLK30	99	99	91	104	98	100	104	0
30	VBLK32	103	105	99	92	91	99	106	0

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
31	VBLK45	104	110	90	89	73	92	111	0
32	VBLKGK	91	99	99	93	102	96	111	0
33	VBLKGL	90	98	96	88	96	88	114	0
34	VHBLK01	112	106	88	93	104	101	115	0
35	VIBLK77	98	97	87	102	86	99	103	0
36	VIBLK88	90	99	96	79	87	86	112	0
37	VIBLK89	93	105	98	78	100	89	116	0
38	VIBLK90	92	106	95	71	83	83	109	0
39	VIBLK91	89	95	98	87	108	97	117	0
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	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix Spike - EPA Sample No.: E1809 Level: (TRACE or LOW) LOW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	52	105	61-145
Benzene	50	0.0	56	113	76-127
Trichloroethene	50	1.2	58	113	71-120
Toluene	50	0.0	56	112	76-125
Chlorobenzene	50	0.0	53	107	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	52	103	1	0-14	61-145
Benzene	50	57	114	1	0-11	76-127
Trichloroethene	50	59	115	2	0-14	71-120
Toluene	50	56	112	0	0-13	76-125
Chlorobenzene	50	54	108	1	0-13	75-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK30

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Lab File ID: C1120.D Lab Sample ID: 7070033-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/20/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1225

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1809	0008444-01	C1121.D	1251
02	E1809DL	0008444-01RE2	C1135.D	1857
03	E1810	0008444-02	C1124.D	1410
04	E1810DL	0008444-02RE1	C1136.D	1924
05	E1811	0008444-03	C1126.D	1502
06	E1815	0008444-04	C1127.D	1528
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Lab File ID: C1140.D Lab Sample ID: 7070035-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/23/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0827

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1816	0008444-05	C1141.D	0857
02	E1816DL	0008444-05RE1	C1148.D	1200
03	E1817	0008444-06	C1143.D	0949
04	E1818	0008444-07	C1144.D	1016
05	E1819	0008444-08	C1145.D	1042
06	E1820	0008444-09	C1146.D	1108
07	VIBLK77	7070035-CCB1	C1155.D	1532
08	E1809MS	7070035-MS1	C1147.D	1134
09	E1809MSD	7070035-MSD1	C1149.D	1227
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Lab File ID: H1403.D Lab Sample ID: 7070053-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0920

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1858	0008456-04	H1406.D	1051
02	E1860	0008456-06	H1408.D	1155
03	E1861	0008456-07	H1410.D	1249
04	E1863	0008456-09	H1416.D	1536
05	E1866	0008456-10	H1417.D	1603
06	VIBLK88	7070053-CCB1	H1409.D	1222
07	VIBLK89	7070053-CCB2	H1411.D	1322
08	VIBLK90	7070053-CCB3	H1413.D	1416
09	VIBLK91	7070053-CCB4	H1415.D	1509
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Lab File ID: H1419.D Lab Sample ID: 7070061-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1658

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1845	0008456-01	H1430.D	2151
02	E1846	0008456-02	H1431.D	2218
03	E1857	0008456-03	H1432.D	2244
04	E1858DL	0008456-04RE1	H1437.D	0057
05	E1859	0008456-05	H1433.D	2311
06	E1860DL	0008456-06RE1	H1438.D	0124
07	E1861DL	0008456-07RE1	H1439.D	0151
08	E1862	0008456-08	H1434.D	2338
09	E1866DL	0008456-10RE1	H1440.D	0217
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Lab File ID: C1311.D Lab Sample ID: 7070071-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/30/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1131

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	0008444-10	C1323.D	1642
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COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1121.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.8	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	3.1	J
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	3.0	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1121.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	1.2	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	340	E
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1809

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1121.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01RE2

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1135.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	50	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	25	U
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1809DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01RE2

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1135.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	25	U
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	420	D
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1809DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-01RE2

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1135.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1147.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	52	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.4	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	3.5	J
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	3.5	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	56	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1147.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	58	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	56	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	
127-18-4	Tetrachloroethene	390	E
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1149.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	52	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.9	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	3.8	J
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	3.5	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	57	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1809MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1149.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	59	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	56	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.4	
127-18-4	Tetrachloroethene	410	E
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	54	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1810

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1124.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.1	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	3.2	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	23	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1810

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1124.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	42	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	1400	E
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1810

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1124.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1810DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1136.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	50	U
79-20-9	Methyl acetate	50	U
75-09-2	Methylene chloride	100	BD
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
78-93-3	2-Butanone	100	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	23	JD
110-82-7	Cyclohexane	50	U
56-23-5	Carbon tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
123-91-1	1,4-Dioxane	1000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1810DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1136.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	45	JD
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	1300	D
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
95-47-6	o-Xylene	50	U
179601-23-1	m,p-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1810DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1136.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1811

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1126.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	2.6	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1811

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1126.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	1.1	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1811

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1126.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1815

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1127.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	7.4	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1815

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1127.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1815

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1127.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1816

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1141.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.2	B
156-60-5	trans-1,2-Dichloroethene	2.8	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	2.5	J
156-59-2	cis-1,2-Dichloroethene	65	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	22	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1816

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1141.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	2700	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1816

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1141.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1816DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1148.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	230	JBD
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	87	JD
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
123-91-1	1,4-Dioxane	5000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1816DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1148.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	3200	D
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
95-47-6	o-Xylene	250	U
179601-23-1	m,p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1816DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C114B.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1817

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1143.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.0	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1817

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1143.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1817

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1143.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
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18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1818

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1144.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	3.6	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1818

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1144.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1818

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1144.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. _____ Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1819

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1145.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	3.8	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	4.3	J
156-59-2	cis-1,2-Dichloroethene	12	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	14	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1819

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1145.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	110	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	21	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1819

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1145.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1820

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1146.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	3.4	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1820

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1146.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1820

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1146.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. _____ Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1845

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1430.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	7.3	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1845

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1430.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1845

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1430.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. _____ Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	12.56	7.4	J
02		UNKNOWN	14.31	10	J
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1846

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1431.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.7	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	7.5	
71-55-6	1,1,1-Trichloroethane	1.5	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1846

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1431.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	8.9	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	23	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1846

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1431.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1857

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1432.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	6.3	B
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	1.1	J
75-34-3	1,1-Dichloroethane	1.9	J
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	4.0	J
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	100	U
123-91-1	1,4-Dioxane		

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1857

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1432.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	130	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	1.6	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1857

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1432.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1858

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1406.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	7.7	B
156-60-5	trans-1,2-Dichloroethene	3.6	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	3.5	J
156-59-2	cis-1,2-Dichloroethene	5.1	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	7.2	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1858

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1406.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	1100	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	18	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	1.3	J
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1858

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1406.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. _____ Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1858DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1437.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	50	U
79-20-9	Methyl acetate	50	U
75-09-2	Methylene chloride	56	BD
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
78-93-3	2-Butanone	100	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
123-91-1	1,4-Dioxane	1000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1858DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1437.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	870	D
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	12	JD
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
95-47-6	o-Xylene	50	U
179601-23-1	m,p-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1858DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1437.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1859

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1433.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.5	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	6.7	
71-55-6	1,1,1-Trichloroethane	1.2	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1859

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1433.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	8.1	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	21	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1859

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1433.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.